

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN071118\
 Data File : VN049757.D
 Acq On : 11 Jul 2018 11:37
 Operator : MD\SY
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 12 01:32:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N071118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 12 01:30:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	272928	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	1501246	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	1354143	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	546510	27.53	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	91.77%
60) 4-Bromofluorobenzene	12.40	95	652223	30.67	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	102.23%
63) Toluene-d8	10.09	98	1873952	28.84	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	96.13%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	2369748	137.554	ug/l 97
3) Chloromethane	2.06	50	2363463	135.714	ug/l 100
4) Vinyl Chloride	2.18	62	2477504	139.362	ug/l 98
5) Bromomethane	2.55	94	1495095	156.256	ug/l 100
6) Chloroethane	2.70	64	1410157	124.906	ug/l 97
7) Trichlorofluoromethane	3.01	101	3125651	127.153	ug/l 100
8) Diethyl Ether	3.41	74	1084068	113.603	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	1872965	114.142	ug/l 99
10) 1,1-Dichloroethene	3.73	96	1757239	115.145	ug/l 96
11) Methyl Iodide	3.95	142	2877217	160.506	ug/l 100
12) Methyl Acetate	4.33	43	1693268	110.116	ug/l 99
13) Acrolein	3.61	56	843966	553.694	ug/l 95
14) Acrylonitrile	4.99	53	3159064	546.601	ug/l 99
15) Acetone	3.82	58	757348	582.660	ug/l 95
16) Carbon Disulfide	4.05	76	5452555	111.576	ug/l 100
17) Allyl chloride	4.32	41	2873500	105.068	ug/l 99
18) Methylene Chloride	4.55	84	1947178	107.991	ug/l 98
19) trans-1,2-Dichloroethene	5.04	96	1870969	115.724	ug/l 98
20) Diisopropyl ether	5.96	45	5829552	103.397	ug/l 96
21) 1,1-Dichloroethane	5.85	63	3440042	105.037	ug/l 99
22) cis-1,2-Dichloroethene	6.83	96	2104067	114.884	ug/l 100
23) tert-Butyl Alcohol	4.81	59	683674	628.863	ug/l # 100
24) Methyl tert-Butyl Ether	5.05	73	4873050	116.313	ug/l 100
25) Chloroform	7.37	83	3445125	107.765	ug/l 99
26) Cyclohexane	7.65	56	3065363	109.624	ug/l # 100
29) 1,1-Dichloropropene	7.80	75	2724193	111.309	ug/l 99
30) 2-Butanone	6.84	43	3778136	565.325	ug/l 99
31) 2,2-Dichloropropane	6.83	77	2862010	122.389	ug/l 100
32) 1,1,1-Trichloroethane	7.57	97	3056867	110.700	ug/l 99
33) Carbon Tetrachloride	7.77	117	2718964	112.163	ug/l 100
34) Benzene	8.04	78	7972653	107.408	ug/l # 91
35) Methacrylonitrile	7.17	41	890706	106.342	ug/l 98
36) 1,2-Dichloroethane	8.13	62	2478737	104.452	ug/l 99
37) Trichloroethene	8.84	130	2084434	114.547	ug/l 97
38) Methylcyclohexane	9.08	83	3028395	119.634	ug/l 98
39) 1,2-Dichloropropane	9.12	63	2063477	102.243	ug/l 99
40) Dibromomethane	9.21	93	1238731	109.620	ug/l 99

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

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

41) Bromodichloromethane	9.41	83	2696424	108.043	ug/l	98
42) Vinyl Acetate	5.90	43	20560589	531.518	ug/l	100
43) Ethyl Acetate	6.94	43	1665620	110.291	ug/l	96
44) Isopropyl Acetate	8.17	43	3030210	105.071	ug/l	99
45) 1,4-Dioxane	9.20	88	405059	2467.461	ug/l	99
46) Methyl methacrylate	9.20	41	1597980	117.078	ug/l	99
47) n-amyl Acetate	12.07	43	2759280	120.311	ug/l	98
48) t-1,3-Dichloropropene	10.38	75	2885971	118.394	ug/l	99
49) cis-1,3-Dichloropropene	9.84	75	3228540	113.892	ug/l	98
50) 1,1,2-Trichloroethane	10.56	97	1777511	110.117	ug/l	99
51) Ethyl methacrylate	10.43	69	2406174	119.929	ug/l	99
52) 1,3-Dichloropropane	10.71	76	3020087	110.129	ug/l	99
53) Dibromochloromethane	10.90	129	2092041	116.550	ug/l	99
54) 1,2-Dibromoethane	11.01	107	1820213	120.843	ug/l	99
55) 2-Chloroethyl vinyl ether	9.70	63	6023563	851.584	ug/l	100
56) Bromoform	12.13	173	1481000	128.173	ug/l	99
58) 4-Methyl-2-Pentanone	9.99	43	8429749	551.182	ug/l	98
59) 2-Hexanone	10.75	43	5803233	599.517	ug/l	98
61) Tetrachloroethene	10.63	164	1869118	105.604	ug/l	97
62) Toluene	10.16	91	8713967	111.034	ug/l	100
64) Chlorobenzene	11.44	112	5405239	116.580	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.51	131	2026093	116.153	ug/l	100
66) Ethyl Benzene	11.51	91	9598246	117.792	ug/l	100
67) m/p-Xylenes	11.62	106	7319005	239.800	ug/l	99
68) o-Xylene	11.95	106	3513231	118.763	ug/l	99
69) Styrene	11.97	104	5782525	122.634	ug/l	100
70) Isopropylbenzene	12.25	105	9383314	119.728	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.51	83	2287014	118.913	ug/l	100
72) 1,2,3-Trichloropropane	12.56	75	2886492	185.428	ug/l	54
73) Bromobenzene	12.53	156	2416993	126.775	ug/l	99
74) n-propylbenzene	12.59	91	10880689	119.897	ug/l	99
75) 2-Chlorotoluene	12.68	91	6339809	114.741	ug/l	99
76) 1,3,5-Trimethylbenzene	12.73	105	7575415	119.003	ug/l	100
77) t-1,4-Dichloro-2-butene	12.30	75	730163	144.642	ug/l	97
78) 4-Chlorotoluene	12.78	91	6446522	119.783	ug/l	99
79) tert-butylbenzene	13.00	119	6551475	122.316	ug/l	99
80) 1,2,4-Trimethylbenzene	13.04	105	7728892	121.235	ug/l	100
81) sec-Butylbenzene	13.17	105	8902296	122.257	ug/l	100
82) p-Isopropyltoluene	13.29	119	7859040	129.224	ug/l	99
83) 1,3-Dichlorobenzene	13.28	146	4281913	132.273	ug/l	100
84) 1,4-Dichlorobenzene	13.36	146	4200386	137.565	ug/l	99
85) n-Butylbenzene	13.62	91	6707004	138.298	ug/l	99
86) Hexachloroethane	13.88	117	1424401	114.752	ug/l	99
87) 1,2-Dichlorobenzene	13.66	146	4109794	131.046	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	358351	128.496	ug/l	99
89) 1,2,4-Trichlorobenzene	14.91	180	2346275	176.103	ug/l	99
90) Hexachlorobutadiene	15.01	225	1280008	139.687	ug/l	98
91) Naphthalene	15.14	128	5442263	187.350	ug/l	99
92) 1,2,3-Trichlorobenzene	15.32	180	2245454	163.312	ug/l	99

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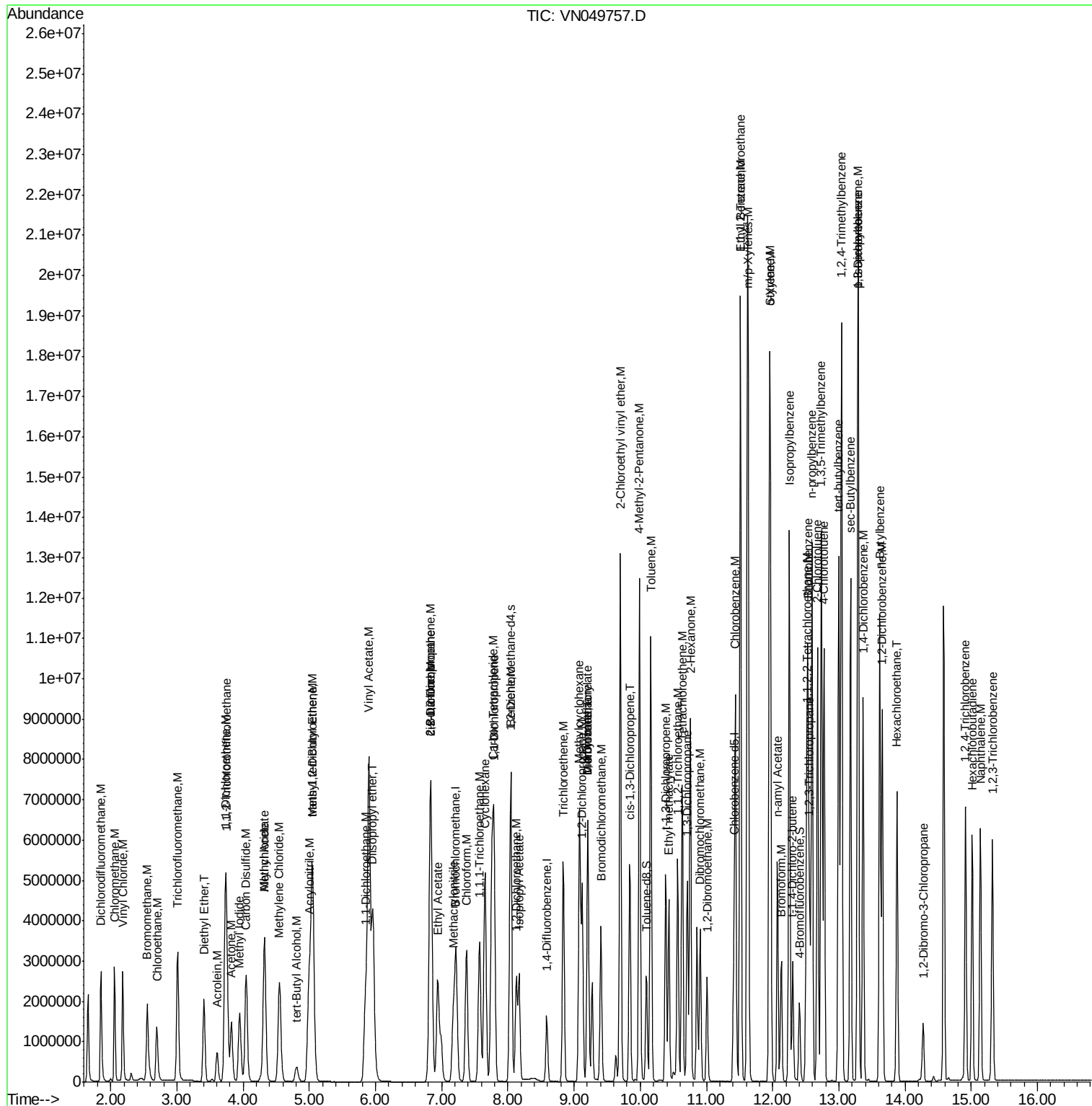
Quant Time: Jul 12 01:32:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N071118W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jul 12 01:30:30 2018
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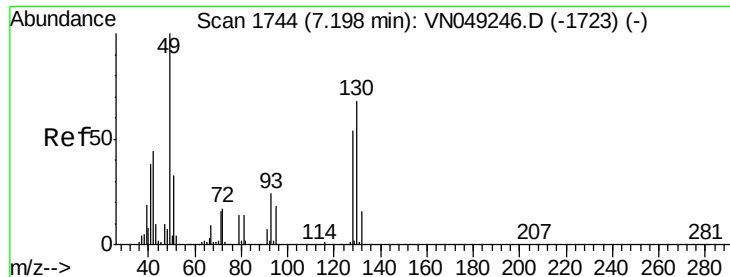
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VN049757.D

Acq: 11 Jul 2018 11:37

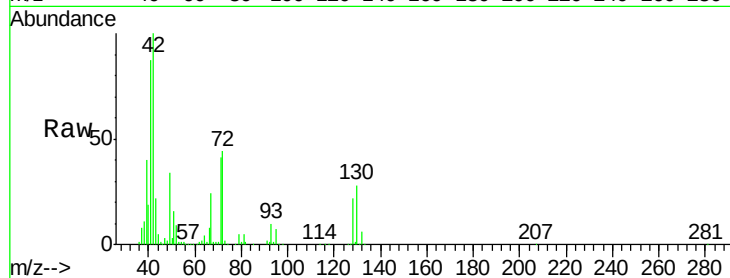
Tgt Ion:128 Resp: 272928

Ion Ratio Lower Upper

128 100

49 159.9 0.0 378.3

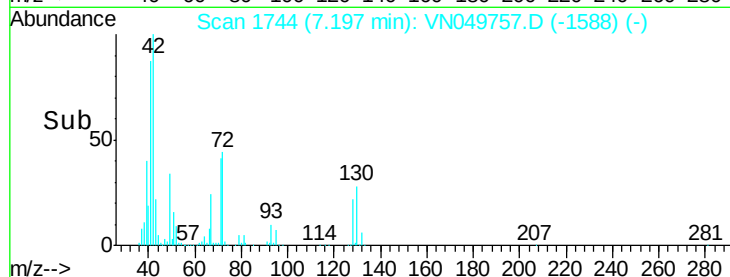
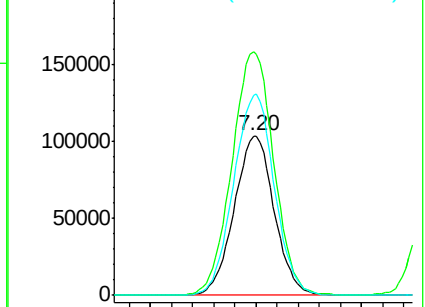
130 128.8 0.0 320.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 137.554 ug/l

RT: 1.85 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN049757.D

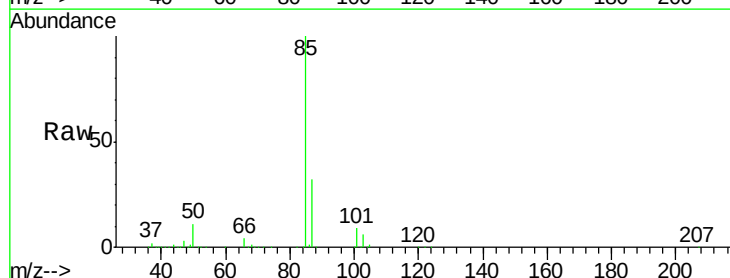
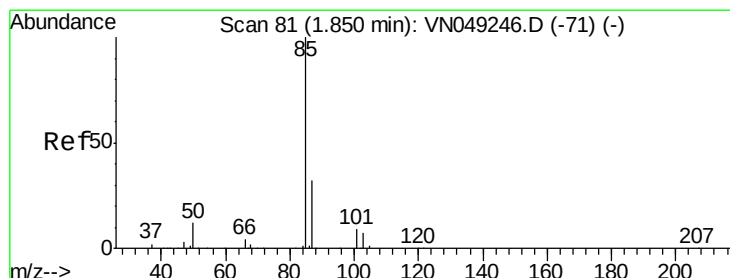
Acq: 11 Jul 2018 11:37

Tgt Ion: 85 Resp: 2369748

Ion Ratio Lower Upper

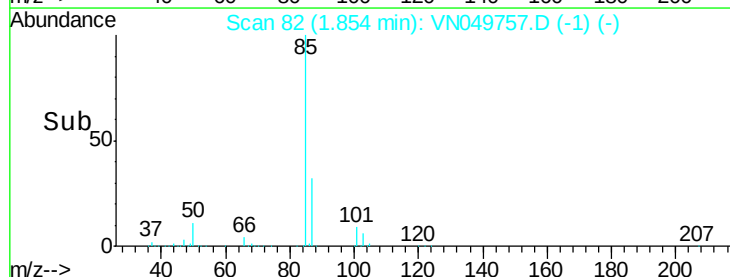
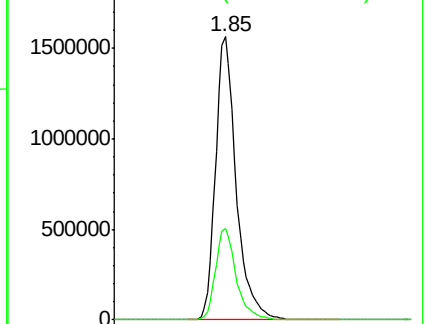
85 100

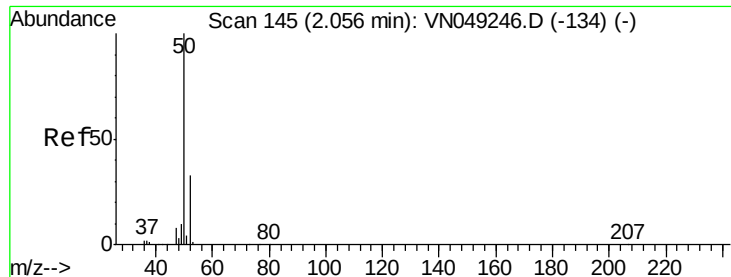
87 32.4 15.4 46.4



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#3

Chloromethane

Concen: 135.714 ug/l

RT: 2.06 min Scan# 146

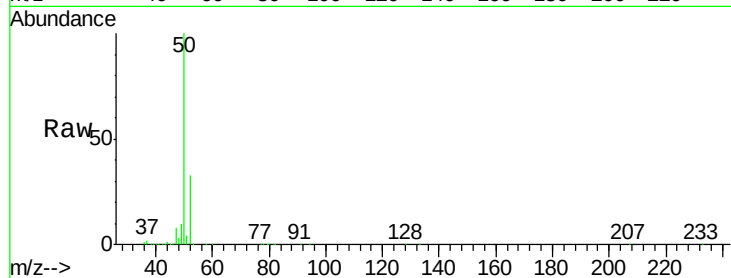
Delta R.T. 0.00 min

Lab File: VN049757.D

Acq: 11 Jul 2018 11:37

Tgt Ion: 50 Resp: 2363463

Ion	Ratio	Lower	Upper
50	100		
52	32.8	26.1	39.1



Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

2.06

1500000

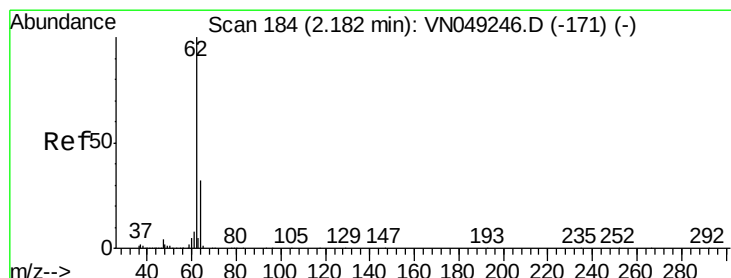
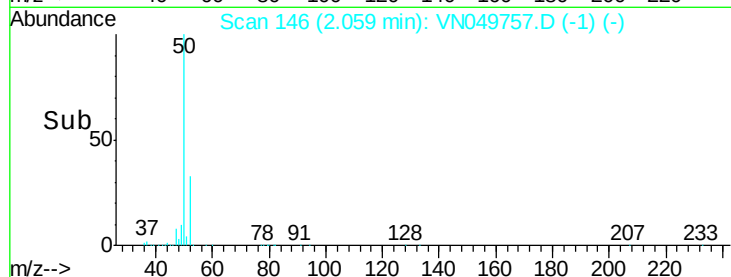
1000000

500000

0

Time-->

2.00 2.05 2.10 2.15



#4

Vinyl Chloride

Concen: 139.362 ug/l

RT: 2.18 min Scan# 184

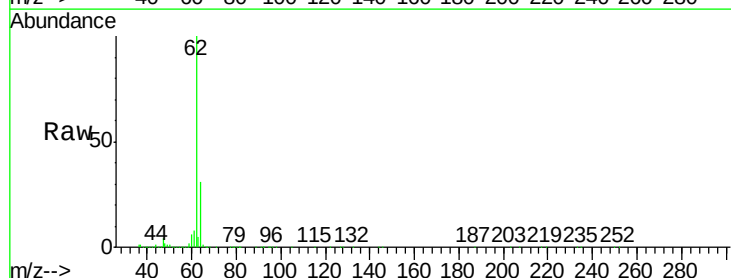
Delta R.T. -0.00 min

Lab File: VN049757.D

Acq: 11 Jul 2018 11:37

Tgt Ion: 62 Resp: 2477504

Ion	Ratio	Lower	Upper
62	100		
64	31.4	24.4	36.6



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0

2.18

1500000

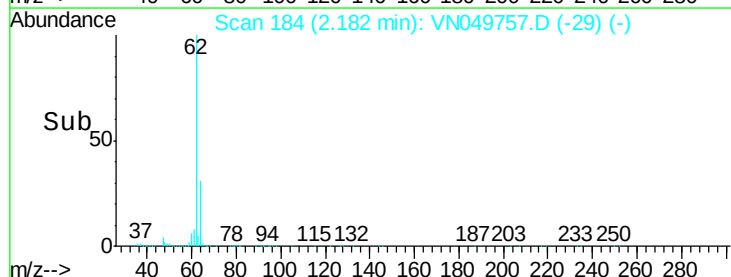
1000000

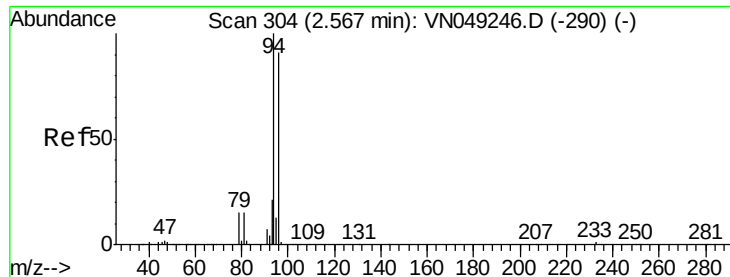
500000

0

Time-->

2.10 2.15 2.20 2.25 2.30





#5

Bromomethane

Concen: 156.256 ug/l

RT: 2.55 min Scan# 299

Delta R.T. -0.02 min

Lab File: VN049757.D

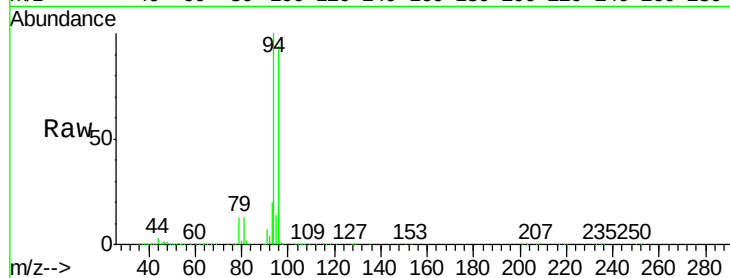
Acq: 11 Jul 2018 11:37

Tgt Ion: 94 Resp: 1495095

Ion Ratio Lower Upper

94 100

96 94.4 75.9 113.9



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0

2.55

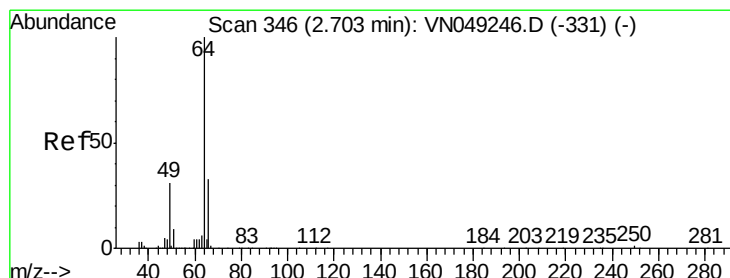
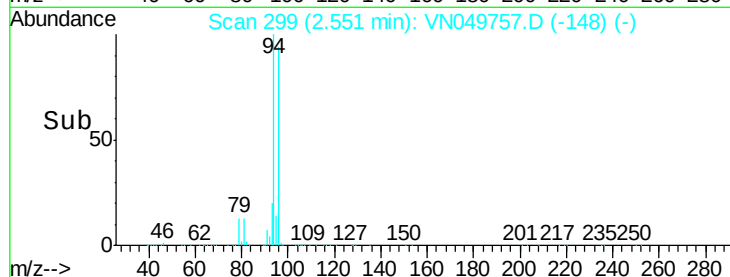
600000

400000

200000

0

Time-->



#6

Chloroethane

Concen: 124.906 ug/l

RT: 2.70 min Scan# 344

Delta R.T. -0.01 min

Lab File: VN049757.D

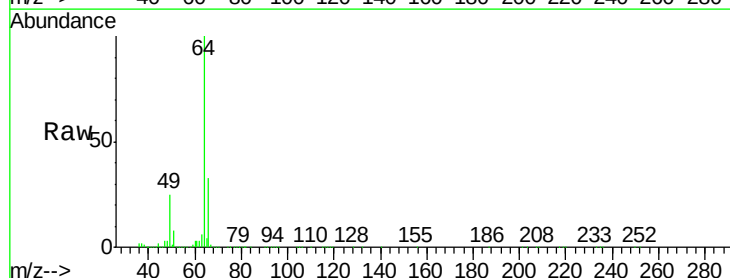
Acq: 11 Jul 2018 11:37

Tgt Ion: 64 Resp: 1410157

Ion Ratio Lower Upper

64 100

66 32.6 25.0 37.4



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0

2.70

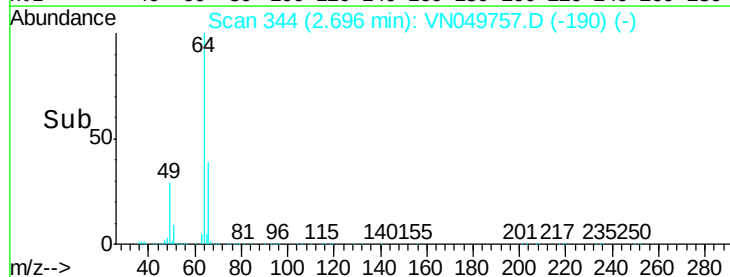
600000

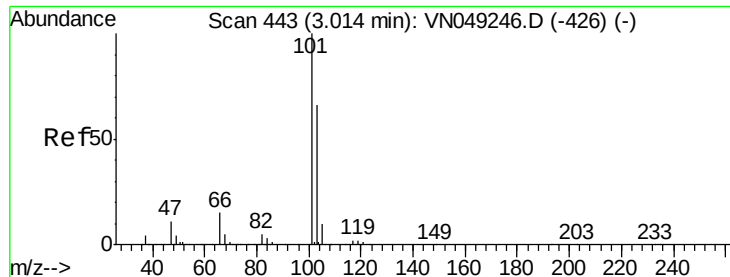
400000

200000

0

Time-->

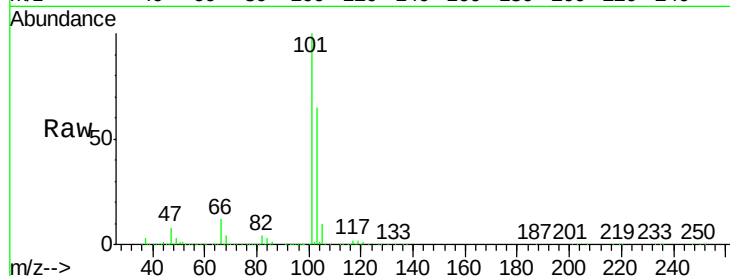




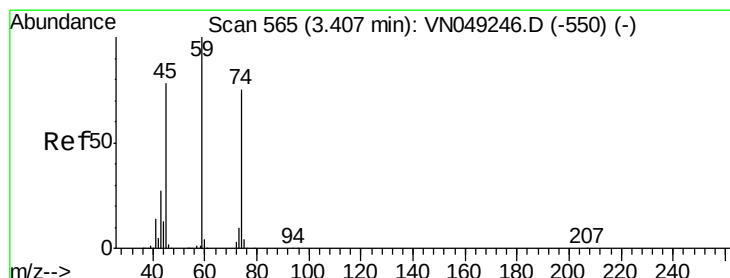
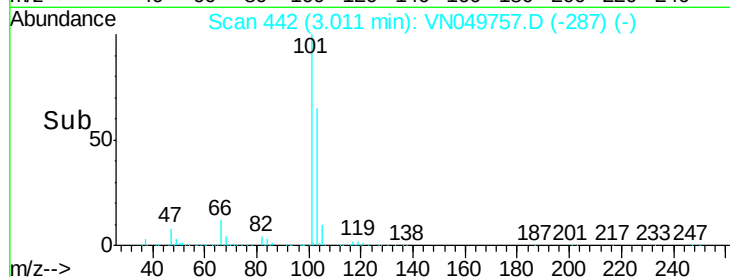
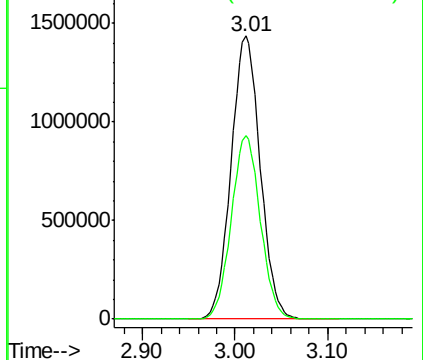
#7

Trichlorofluoromethane
Concen: 127.153 ug/l
RT: 3.01 min Scan# 442
Delta R.T. -0.00 min
Lab File: VN049757.D
Acq: 11 Jul 2018 11:37

Tgt Ion:101 Resp: 3125651
Ion Ratio Lower Upper
101 100
103 64.7 51.5 77.3



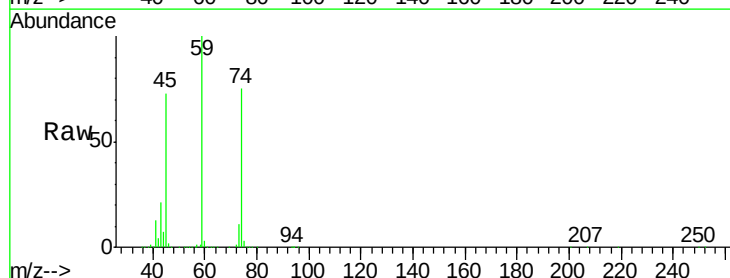
Abundance Ion 101.00 (100.70 to 101.70): V
Ion 103.00 (102.70 to 103.70): V



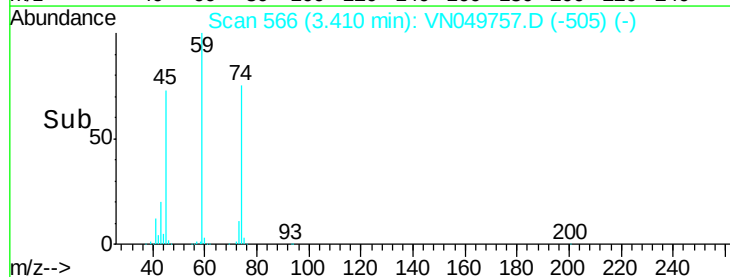
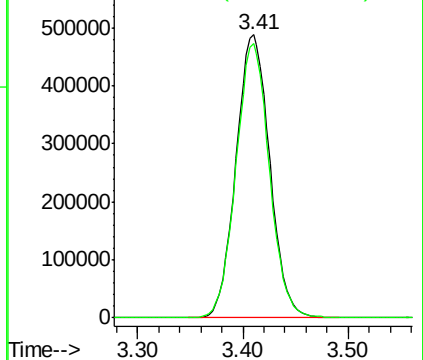
#8

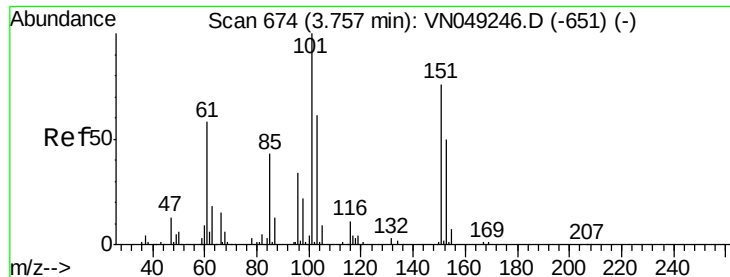
Diethyl Ether
Concen: 113.603 ug/l
RT: 3.41 min Scan# 566
Delta R.T. -0.00 min
Lab File: VN049757.D
Acq: 11 Jul 2018 11:37

Tgt Ion: 74 Resp: 1084068
Ion Ratio Lower Upper
74 100
45 95.6 18.7 167.9



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 114.142 ug/l

RT: 3.75 min Scan# 672

Delta R.T. -0.00 min

Lab File: VN049757.D

Acq: 11 Jul 2018 11:37

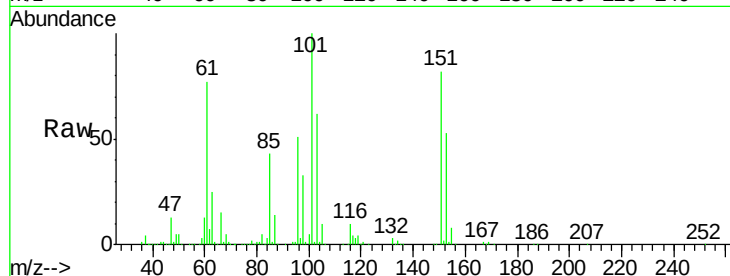
Tgt Ion:101 Resp: 1872965

Ion Ratio Lower Upper

101 100

85 42.7 0.0 83.0

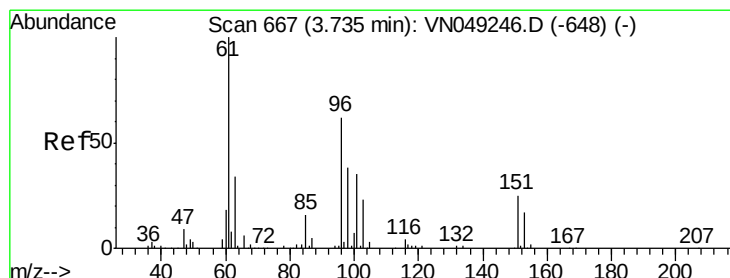
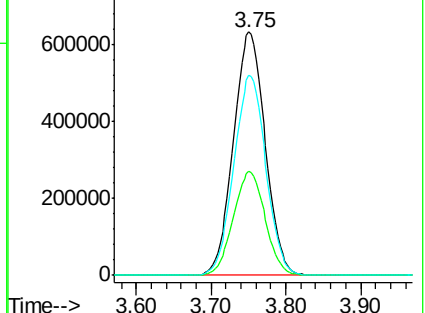
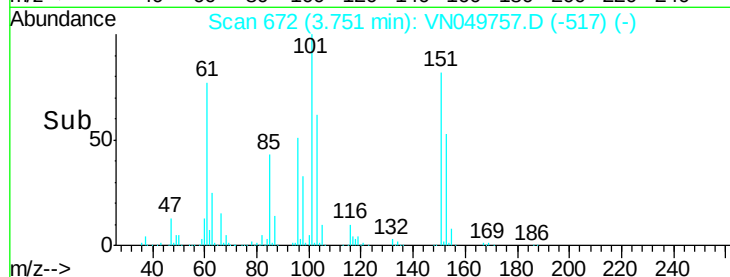
151 82.7 0.0 166.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 115.145 ug/l

RT: 3.73 min Scan# 666

Delta R.T. -0.00 min

Lab File: VN049757.D

Acq: 11 Jul 2018 11:37

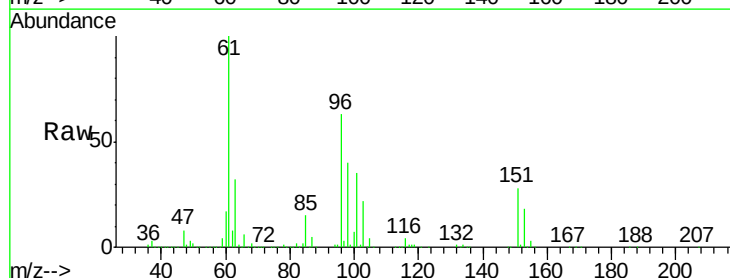
Tgt Ion: 96 Resp: 1757239

Ion Ratio Lower Upper

96 100

61 158.0 130.6 195.8

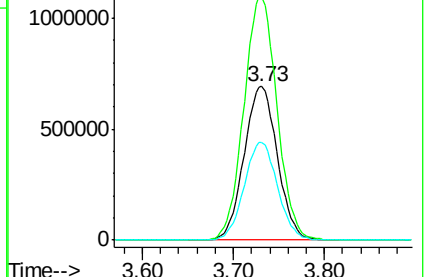
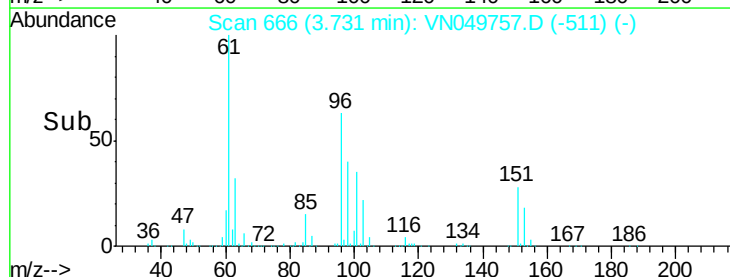
98 63.3 53.5 80.3

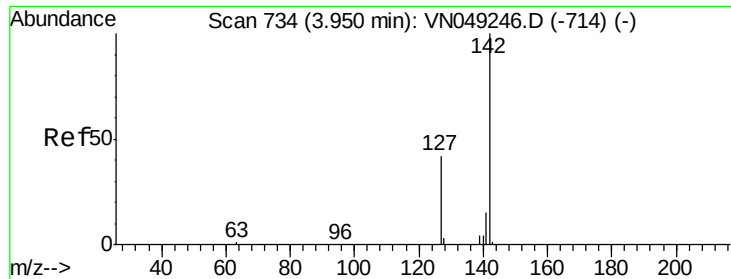


Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

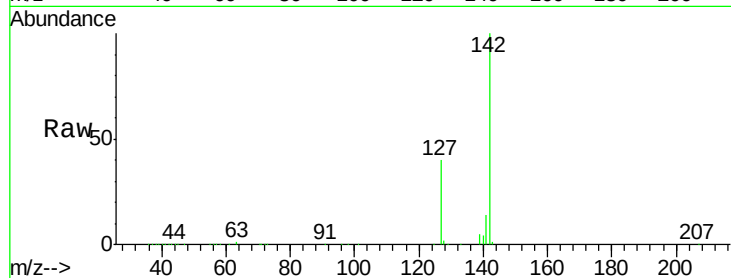
Ion 98.00 (97.70 to 98.70): VN0



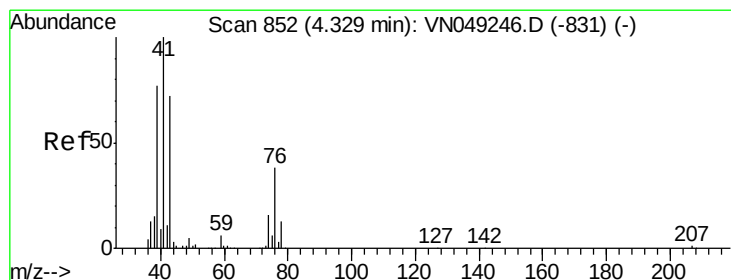
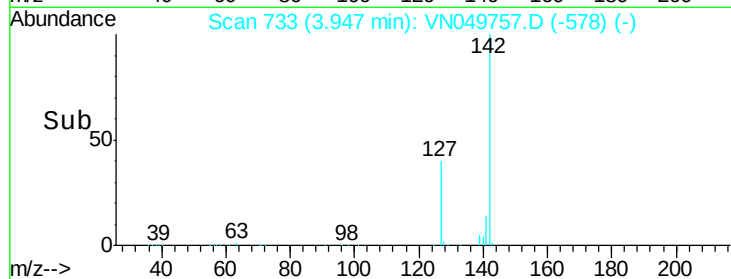
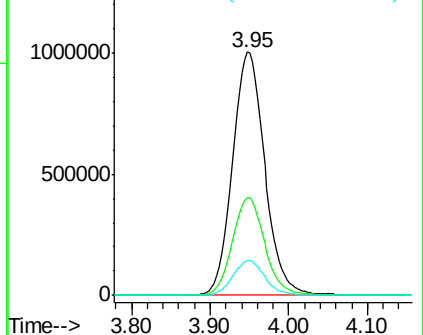


#11
Methyl Iodide
Concen: 160.506 ug/l
RT: 3.95 min Scan# 733
Delta R.T. -0.00 min
Lab File: VN049757.D
Acq: 11 Jul 2018 11:37

Tgt Ion: 142 Resp: 2877217
Ion Ratio Lower Upper
142 100
127 40.3 20.2 60.5
141 14.1 6.9 20.6

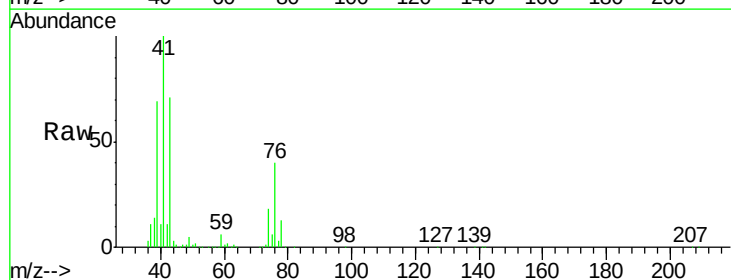


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

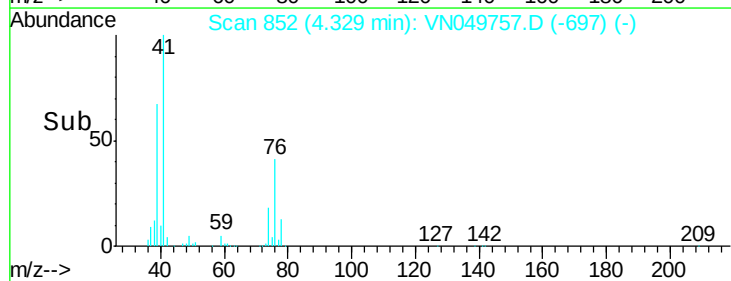
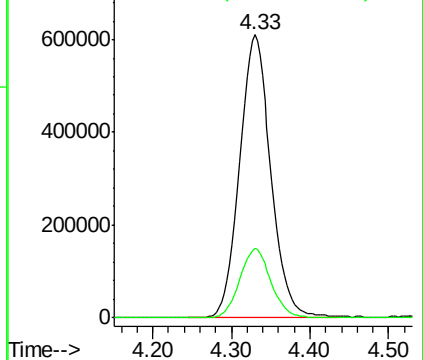


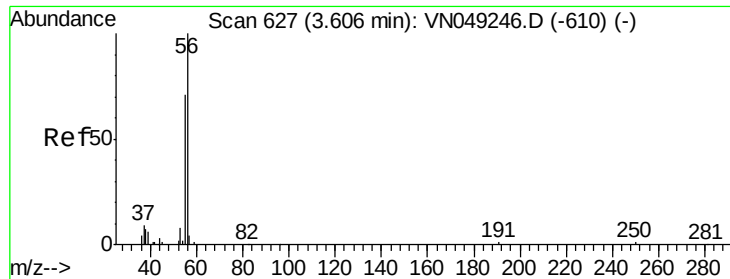
#12
Methyl Acetate
Concen: 110.116 ug/l
RT: 4.33 min Scan# 852
Delta R.T. -0.00 min
Lab File: VN049757.D
Acq: 11 Jul 2018 11:37

Tgt Ion: 43 Resp: 1693268
Ion Ratio Lower Upper
43 100
74 24.6 19.3 28.9



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





#13

Acrolein

Concen: 553.694 ug/l

RT: 3.61 min Scan# 627

Delta R.T. -0.00 min

Lab File: VN049757.D

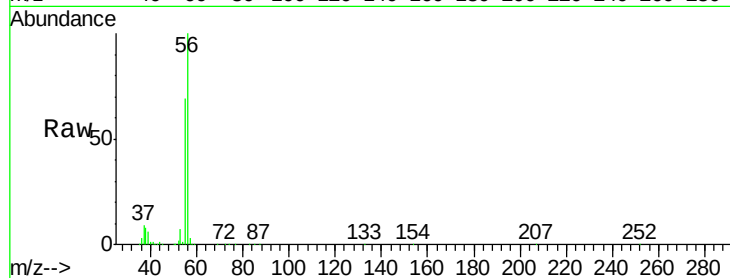
Acq: 11 Jul 2018 11:37

Tgt Ion: 56 Resp: 843966

Ion Ratio Lower Upper

56 100

55 69.5 58.6 88.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.61

400000

300000

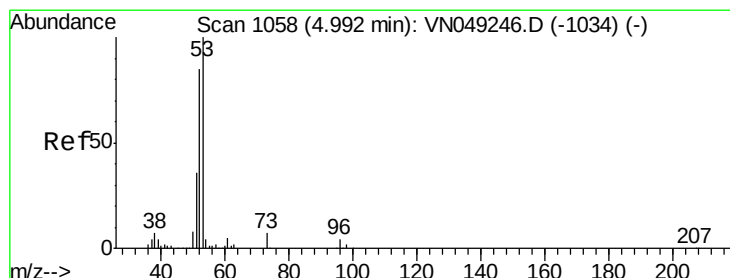
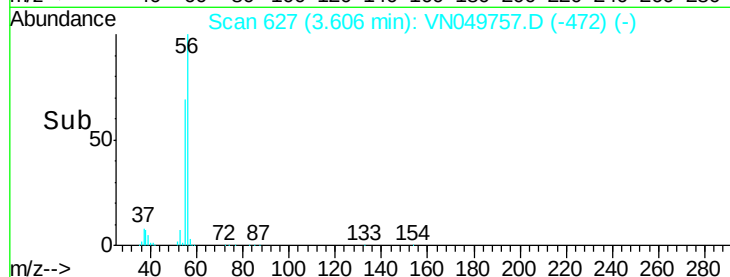
200000

100000

0

Time-->

3.50 3.60 3.70



#14

Acrylonitrile

Concen: 546.601 ug/l

RT: 4.99 min Scan# 1059

Delta R.T. 0.00 min

Lab File: VN049757.D

Acq: 11 Jul 2018 11:37

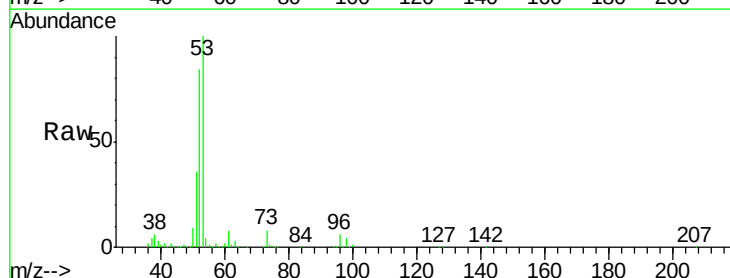
Tgt Ion: 53 Resp: 3159064

Ion Ratio Lower Upper

53 100

52 82.1 41.5 124.5

51 36.4 18.7 56.1



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0

4.99

1200000

1000000

800000

600000

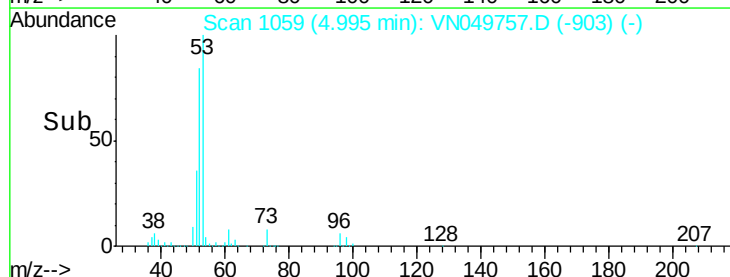
400000

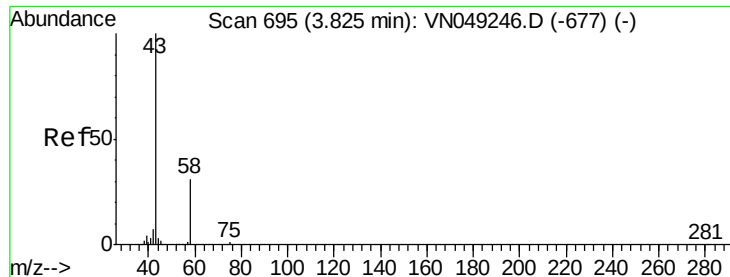
200000

0

Time-->

4.80 4.90 5.00 5.10 5.20





#15

Acetone

Concen: 582.660 ug/l

RT: 3.82 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN049757.D

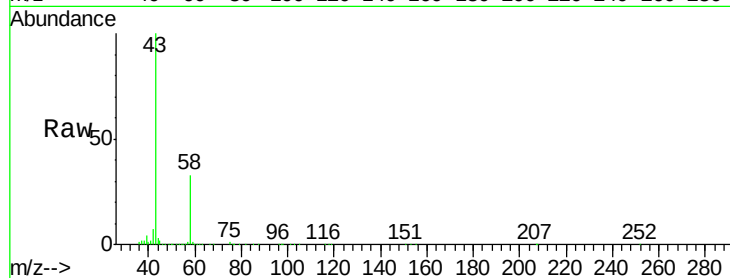
Acq: 11 Jul 2018 11:37

Tgt Ion: 58 Resp: 757348

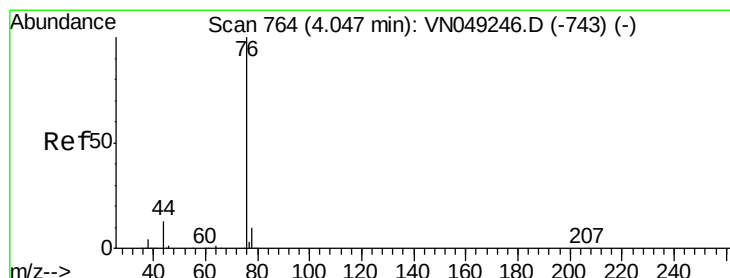
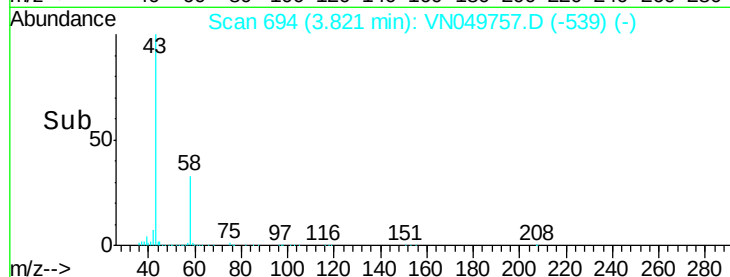
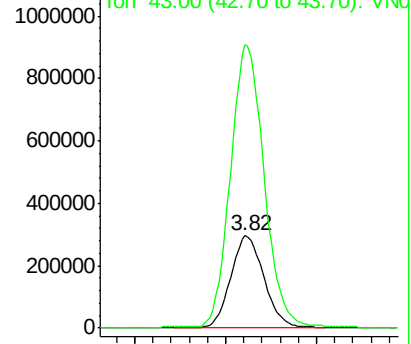
Ion Ratio Lower Upper

58 100

43 305.4 252.0 378.0



Abundance Ion 58.00 (57.70 to 58.70): VN049246.D (-677) (-)



#16

Carbon Disulfide

Concen: 111.576 ug/l

RT: 4.05 min Scan# 764

Delta R.T. -0.00 min

Lab File: VN049757.D

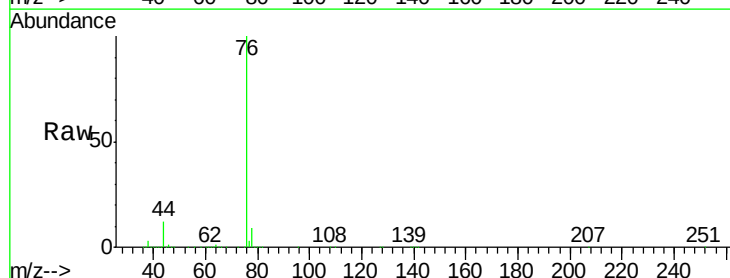
Acq: 11 Jul 2018 11:37

Tgt Ion: 76 Resp: 5452555

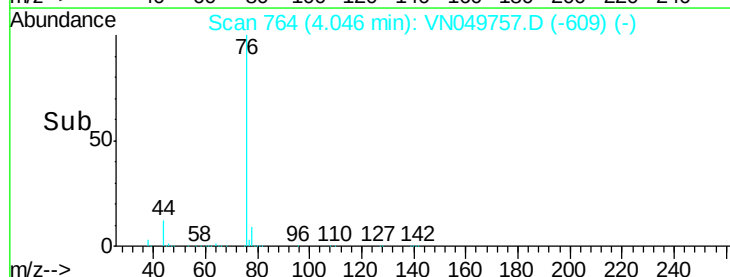
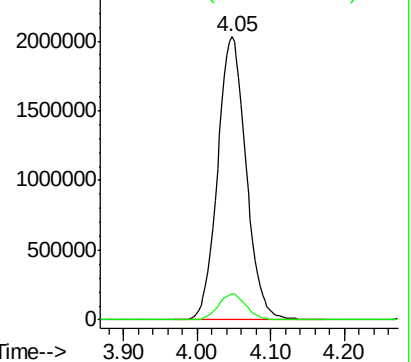
Ion Ratio Lower Upper

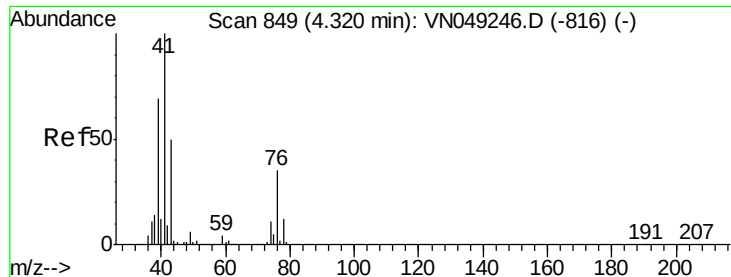
76 100

78 9.0 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VN049246.D (-743) (-)





#17

Allyl chloride

Concen: 105.068 ug/l

RT: 4.32 min Scan# 849

Delta R.T. -0.01 min

Lab File: VN049757.D

Acq: 11 Jul 2018 11:37

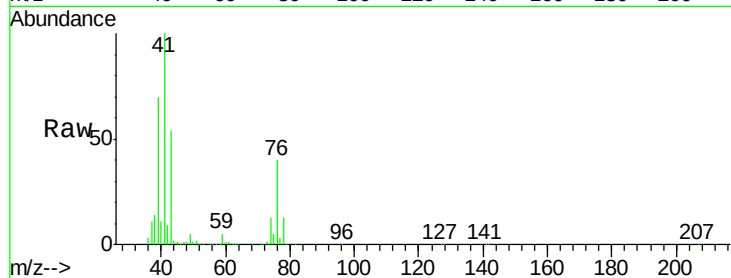
Tgt Ion: 41 Resp: 2873500

Ion Ratio Lower Upper

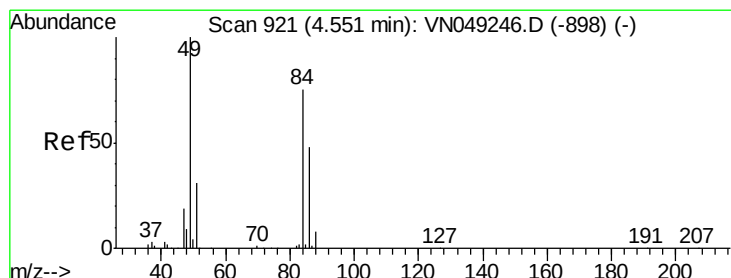
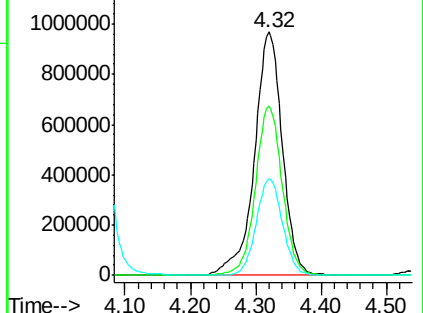
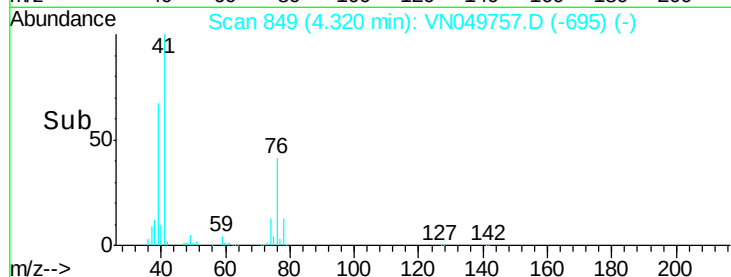
41 100

39 69.7 35.4 106.3

76 39.6 19.7 59.1



Abundance Ion 41.00 (40.70 to 41.70): VN049757.D (-695) (-)



#18

Methylene Chloride

Concen: 107.991 ug/l

RT: 4.55 min Scan# 920

Delta R.T. -0.00 min

Lab File: VN049757.D

Acq: 11 Jul 2018 11:37

Tgt Ion: 84 Resp: 1947178

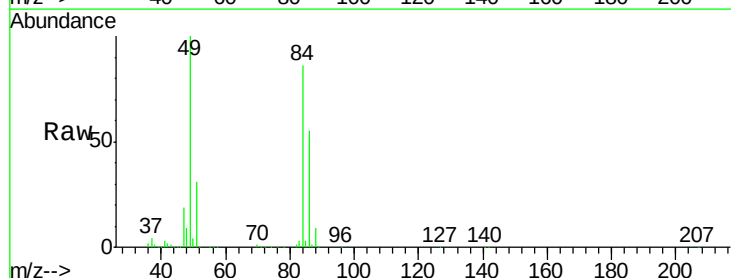
Ion Ratio Lower Upper

84 100

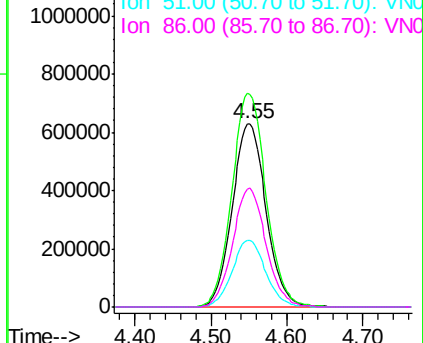
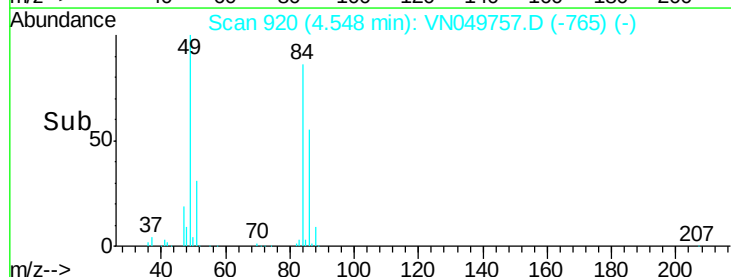
49 116.3 95.1 142.7

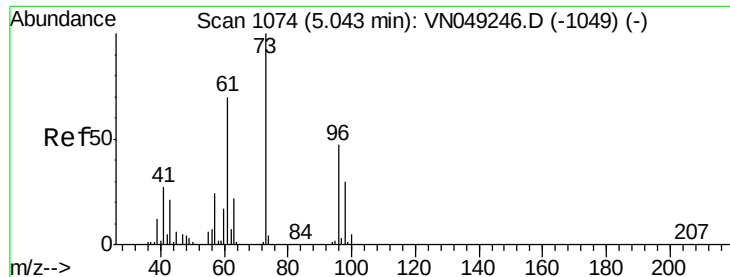
51 36.2 28.8 43.2

86 64.2 52.3 78.5



Abundance Ion 84.00 (83.70 to 84.70): VN049757.D (-765) (-)



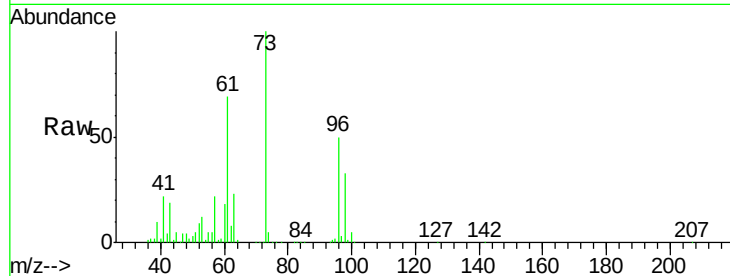


#19

trans-1,2-Dichloroethene
Concen: 115.724 ug/l
RT: 5.04 min Scan# 1073
Delta R.T. -0.00 min
Lab File: VN049757.D
Acq: 11 Jul 2018 11:37

Tgt Ion: 96 Resp: 1870969

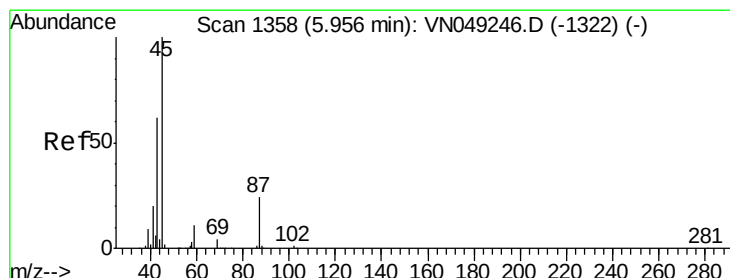
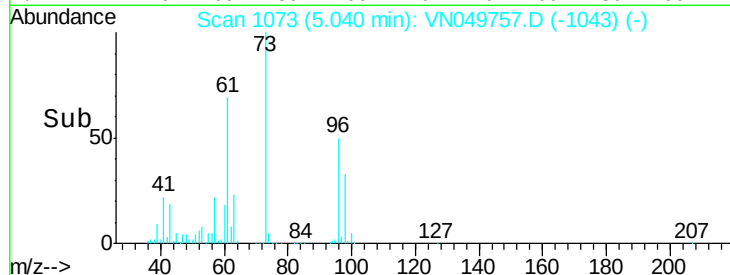
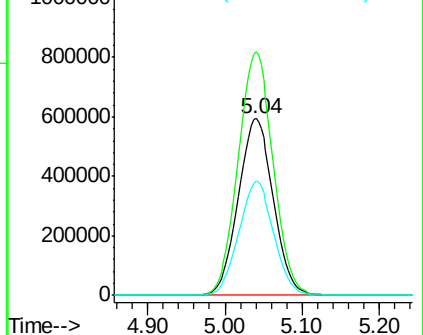
Ion	Ratio	Lower	Upper
96	100		
61	137.7	112.1	168.1
98	64.5	51.3	76.9



Abundance Ion 96.00 (95.70 to 96.70): VN049757.D (-1297) (-)

Ion 61.00 (60.70 to 61.70): VN049757.D (-1297) (-)

Ion 98.00 (97.70 to 98.70): VN049757.D (-1297) (-)

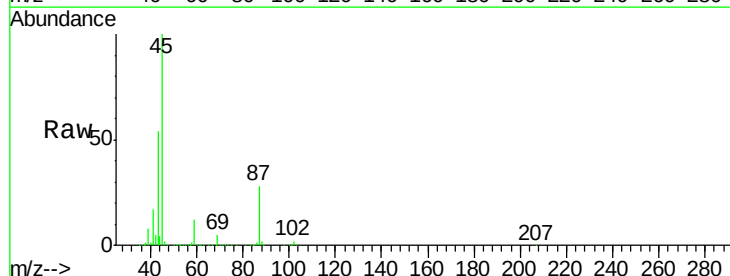


#20

Diisopropyl ether
Concen: 103.397 ug/l
RT: 5.96 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VN049757.D
Acq: 11 Jul 2018 11:37

Tgt Ion: 45 Resp: 5829552

Ion	Ratio	Lower	Upper
45	100		
43	53.5	46.6	70.0
87	28.0	22.3	33.5
59	11.7	9.5	14.3

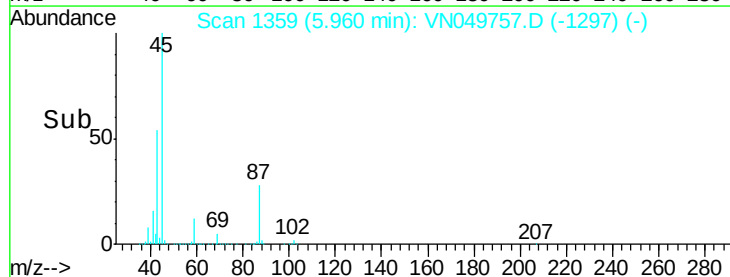
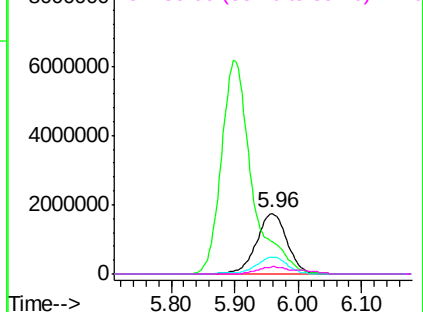


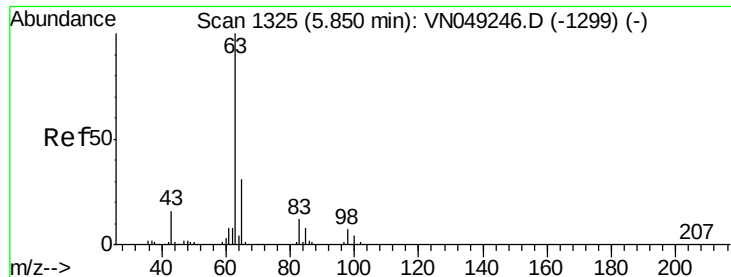
Abundance Ion 45.00 (44.70 to 45.70): VN049757.D (-1297) (-)

Ion 43.00 (42.70 to 43.70): VN049757.D (-1297) (-)

Ion 87.00 (86.70 to 87.70): VN049757.D (-1297) (-)

Ion 59.00 (58.70 to 59.70): VN049757.D (-1297) (-)

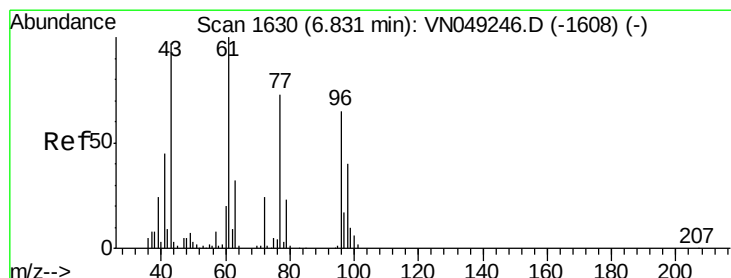
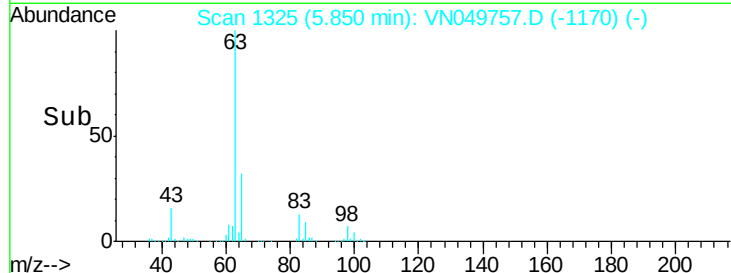
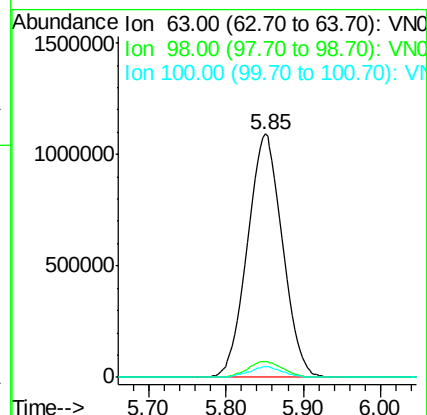
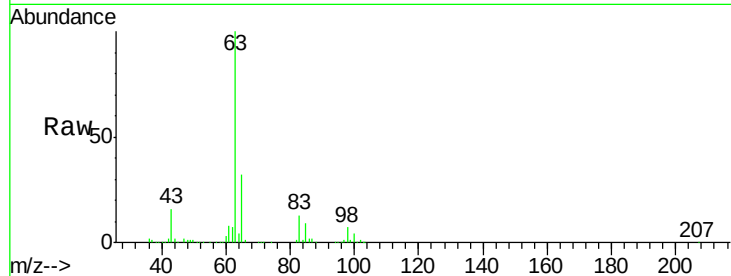




#21
 1,1-Dichloroethane
 Concen: 105.037 ug/l
 RT: 5.85 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: VN049757.D
 Acq: 11 Jul 2018 11:37

Tgt Ion: 63 Resp: 3440042

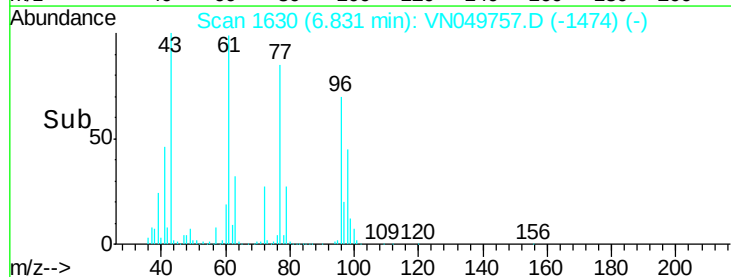
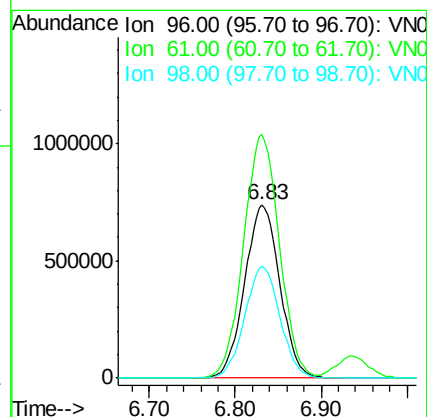
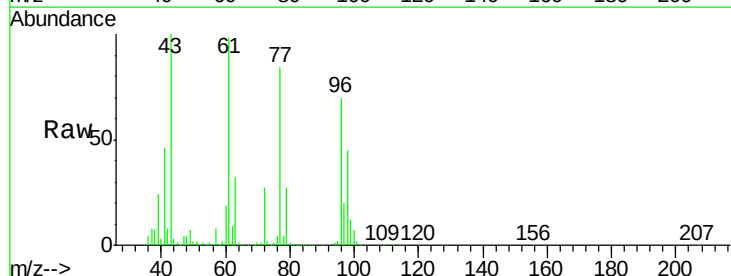
Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.5	10.6
100	4.3	2.3	6.8

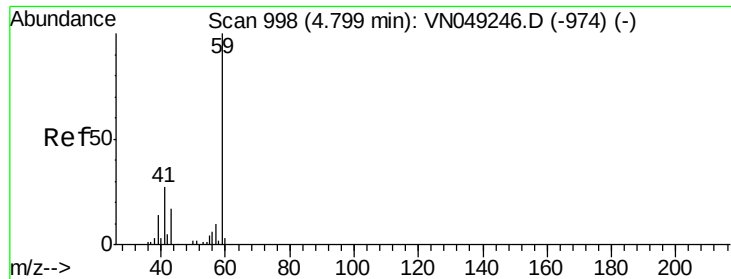


#22
 cis-1,2-Dichloroethene
 Concen: 114.884 ug/l
 RT: 6.83 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: VN049757.D
 Acq: 11 Jul 2018 11:37

Tgt Ion: 96 Resp: 2104067

Ion	Ratio	Lower	Upper
96	100		
61	143.3	114.2	171.2
98	64.7	51.7	77.5





#23

tert-Butyl Alcohol

Concen: 628.863 ug/l

RT: 4.81 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN049757.D

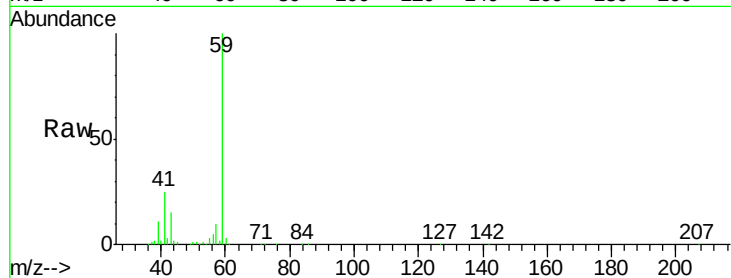
Acq: 11 Jul 2018 11:37

Tgt Ion: 59 Resp: 683674

Ion Ratio Lower Upper

59 100

52 0.0 0.1 0.1#



Abundance Ion 59.00 (58.70 to 59.70): VN049246.D (-974) (-)

Ion 52.00 (51.70 to 52.70): VN049246.D (-974) (-)

800000

600000

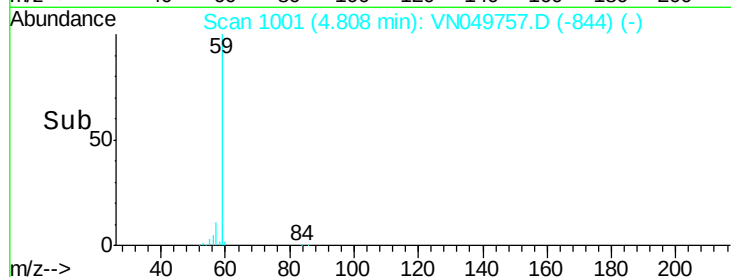
400000

200000

0

4.70 4.80 4.90

Time-->



#24

Methyl tert-Butyl Ether

Concen: 116.313 ug/l

RT: 5.05 min Scan# 1077

Delta R.T. 0.00 min

Lab File: VN049757.D

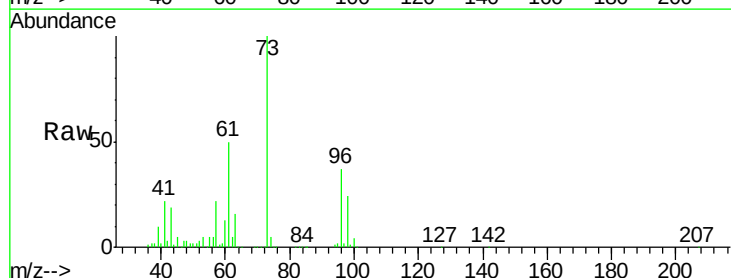
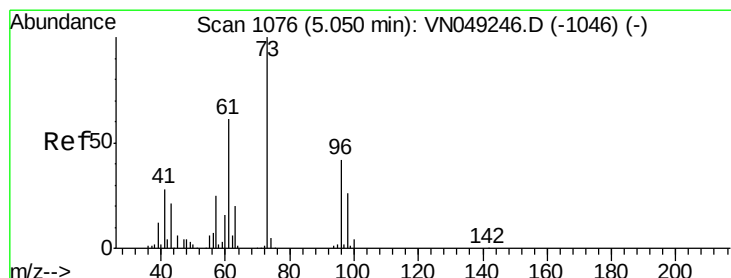
Acq: 11 Jul 2018 11:37

Tgt Ion: 73 Resp: 4873050

Ion Ratio Lower Upper

73 100

43 19.3 15.5 23.3



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

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

1500000

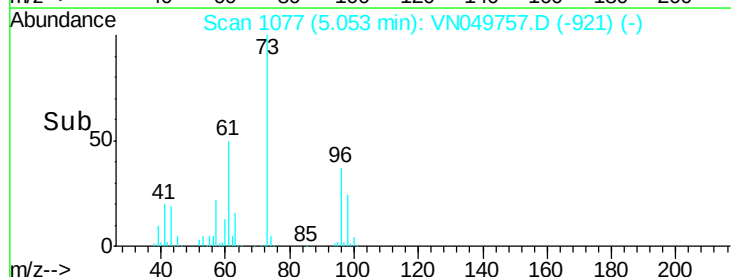
1000000

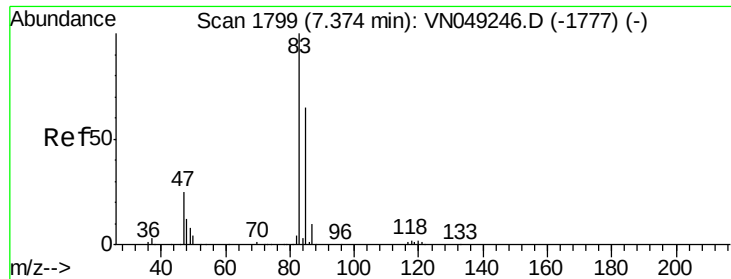
500000

0

4.90 5.00 5.10 5.20

Time-->





#25

Chloroform

Concen: 107.765 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN049757.D

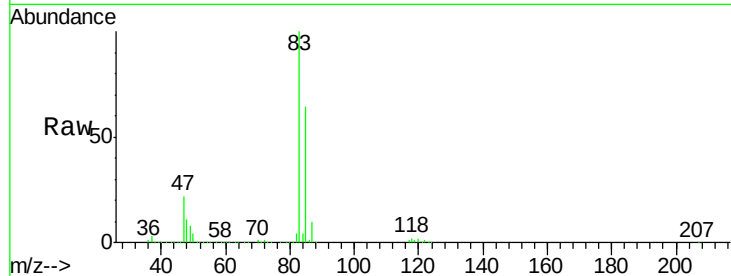
Acq: 11 Jul 2018 11:37

Tgt Ion: 83 Resp: 3445125

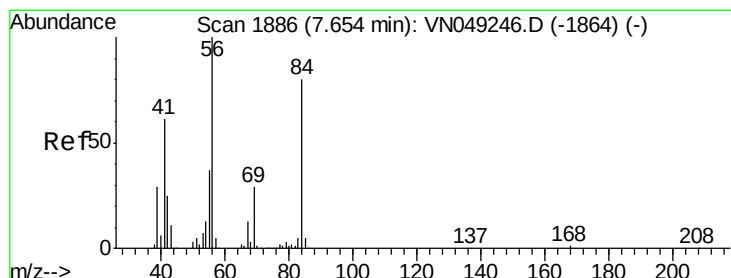
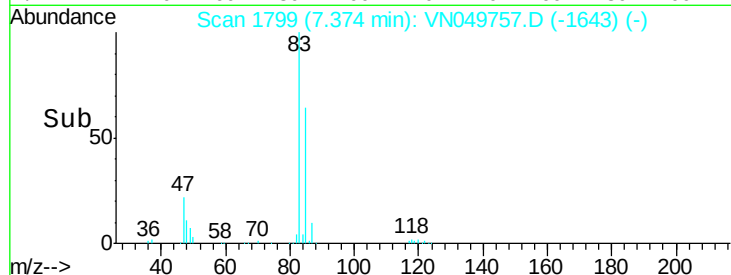
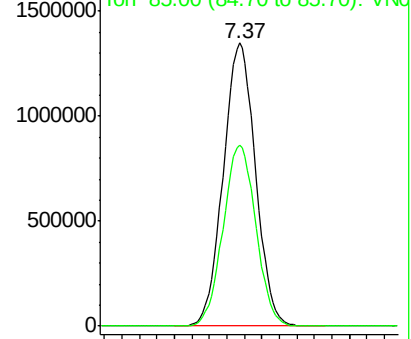
Ion Ratio Lower Upper

83 100

85 64.0 52.1 78.1



Abundance Ion 83.00 (82.70 to 83.70): VN049757.D (-1643) (-)



#26

Cyclohexane

Concen: 109.624 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VN049757.D

Acq: 11 Jul 2018 11:37

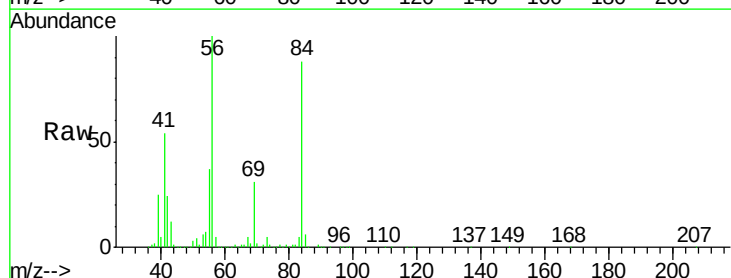
Tgt Ion: 56 Resp: 3065363

Ion Ratio Lower Upper

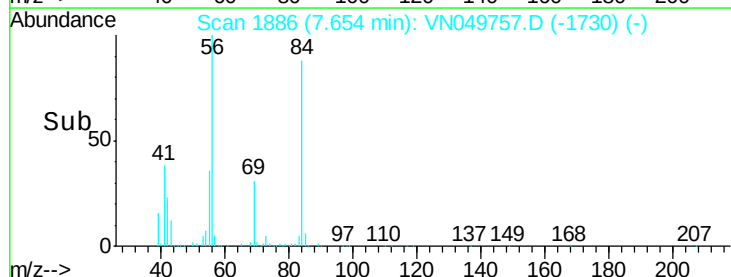
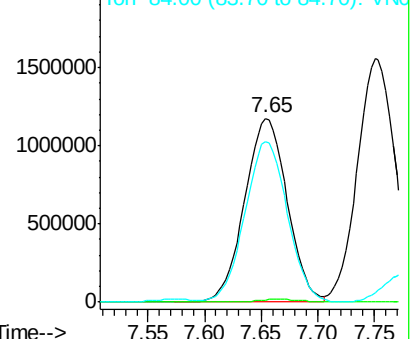
56 100

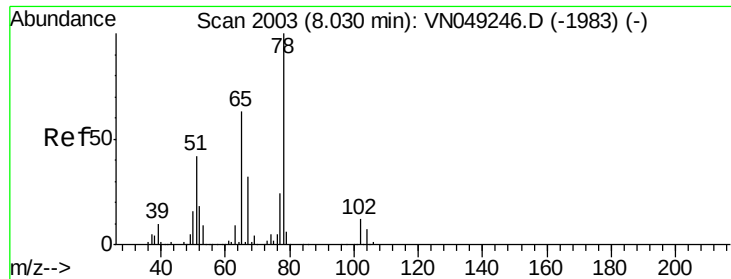
89 1.6 3.0 4.4#

84 87.4 69.8 104.8



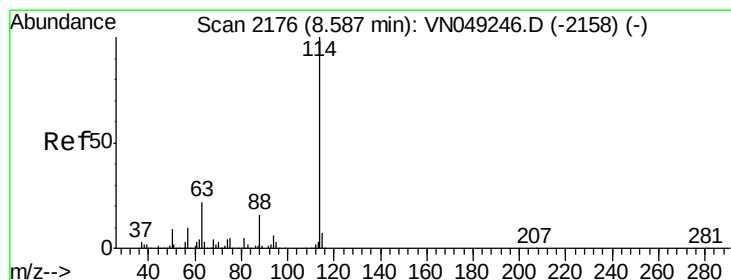
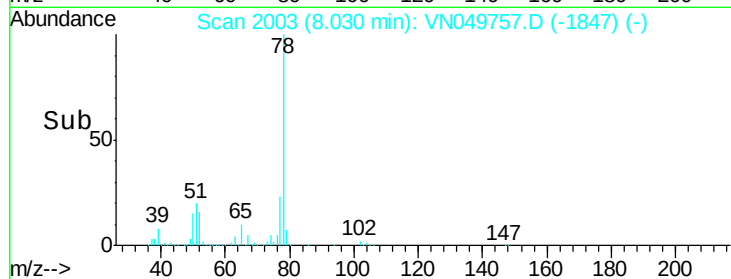
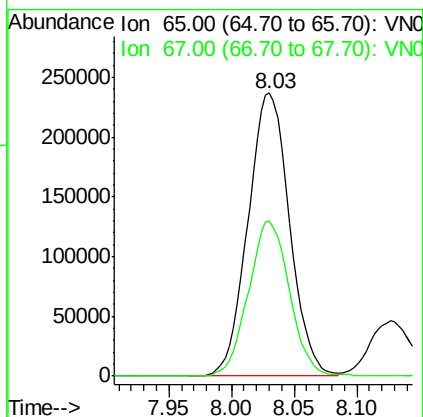
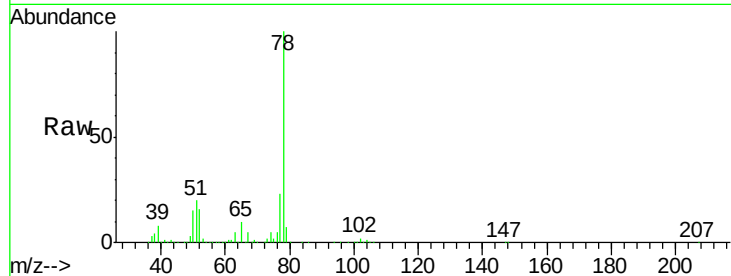
Abundance Ion 56.00 (55.70 to 56.70): VN049757.D (-1730) (-)





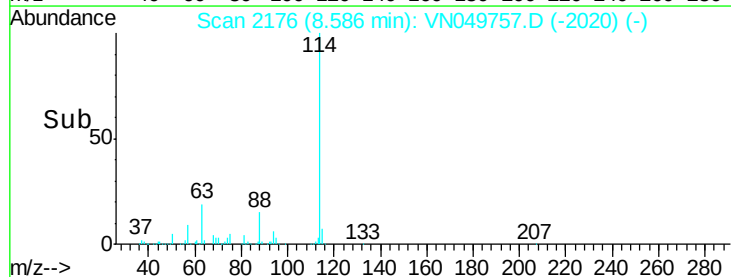
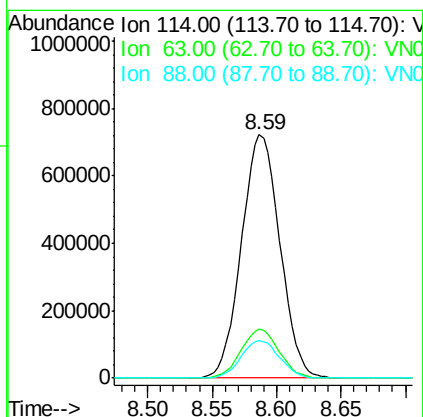
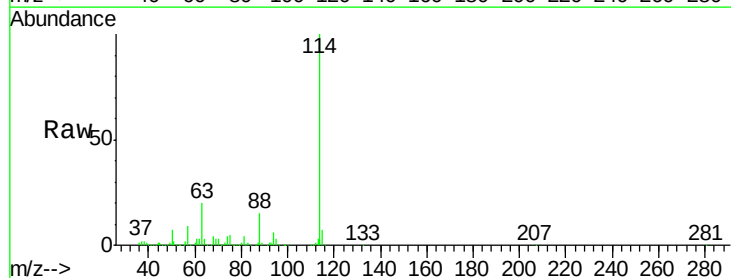
#27
 1,2-Dichloroethane-d4
 Concen: 27.528 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049757.D
 Acq: 11 Jul 2018 11:37

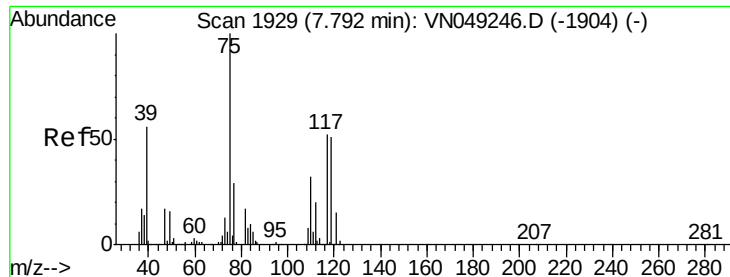
Tgt Ion: 65 Resp: 546510
 Ion Ratio Lower Upper
 65 100
 67 54.1 42.7 64.1



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049757.D
 Acq: 11 Jul 2018 11:37

Tgt Ion: 114 Resp: 1501246
 Ion Ratio Lower Upper
 114 100
 63 20.0 16.2 24.2
 88 15.5 12.3 18.5





#29

1,1-Dichloropropene

Concen: 111.309 ug/l

RT: 7.80 min Scan# 1930

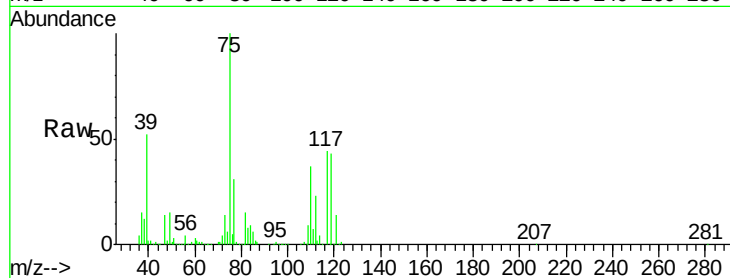
Delta R.T. 0.00 min

Lab File: VN049757.D

Acq: 11 Jul 2018 11:37

Tgt Ion: 75 Resp: 2724193

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

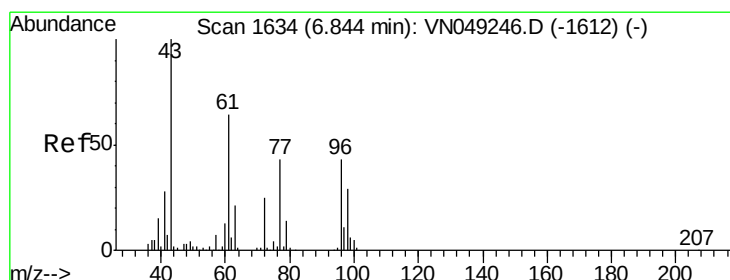
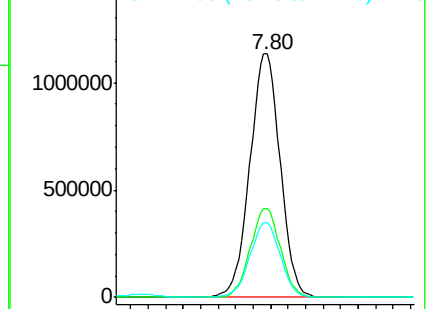
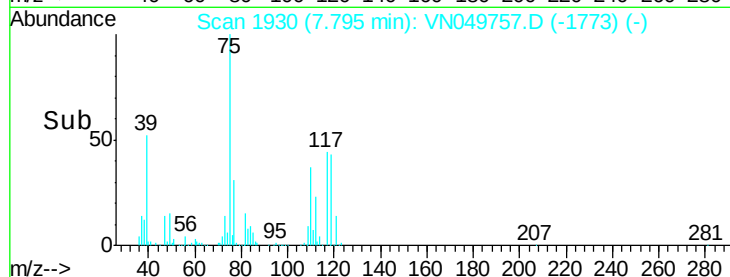


Abundance

Ion 75.00 (74.70 to 75.70): VN049757.D (-1773) (-)

Ion 110.00 (109.70 to 110.70): VN049757.D (-1773) (-)

Ion 77.00 (76.70 to 77.70): VN049757.D (-1773) (-)



#30

2-Butanone

Concen: 565.325 ug/l

RT: 6.84 min Scan# 1634

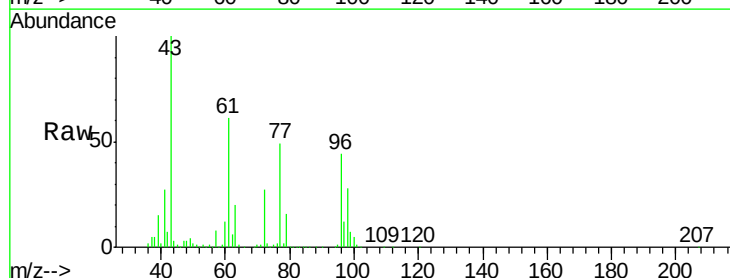
Delta R.T. -0.00 min

Lab File: VN049757.D

Acq: 11 Jul 2018 11:37

Tgt Ion: 43 Resp: 3778136

Ion	Ratio	Lower	Upper
43	100		
57	8.3	6.8	10.2
72	27.6	21.4	32.0

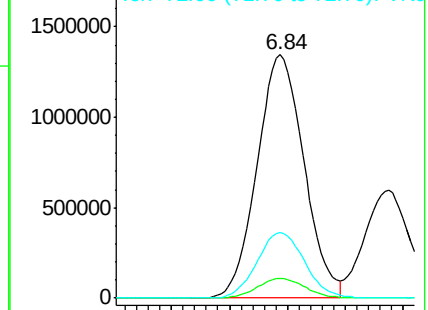
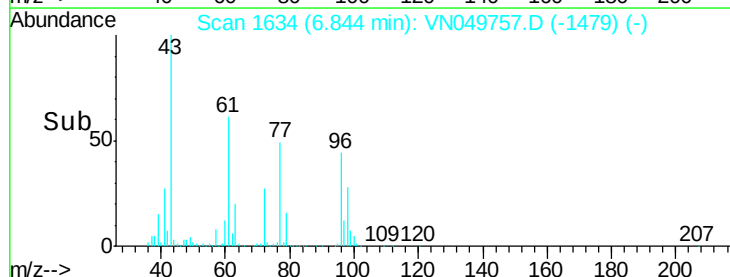


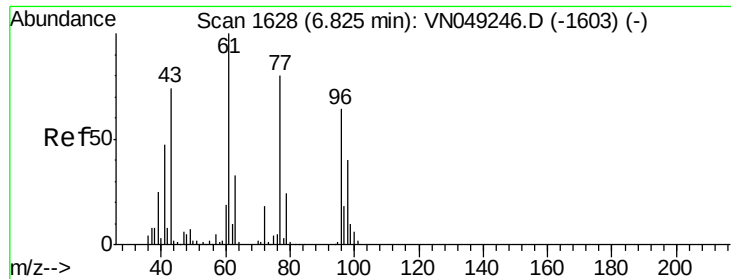
Abundance

Ion 43.00 (42.70 to 43.70): VN049757.D (-1479) (-)

Ion 57.00 (56.70 to 57.70): VN049757.D (-1479) (-)

Ion 72.00 (71.70 to 72.70): VN049757.D (-1479) (-)





#31

2,2-Dichloropropane

Concen: 122.389 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VN049757.D

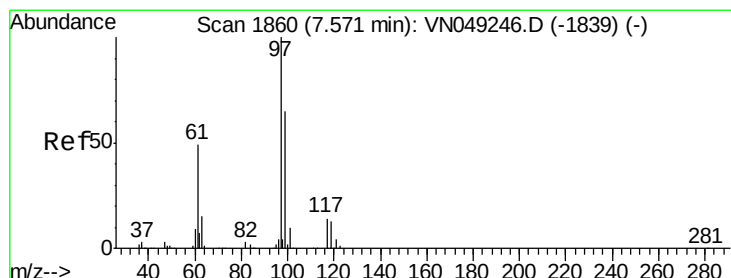
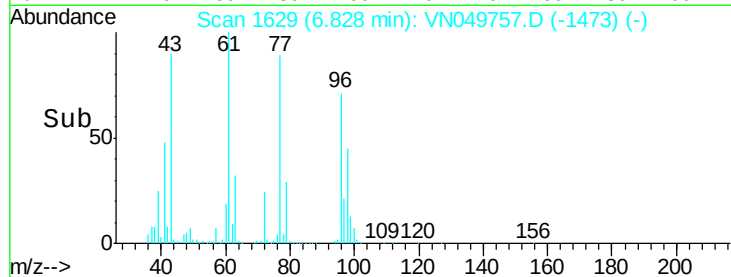
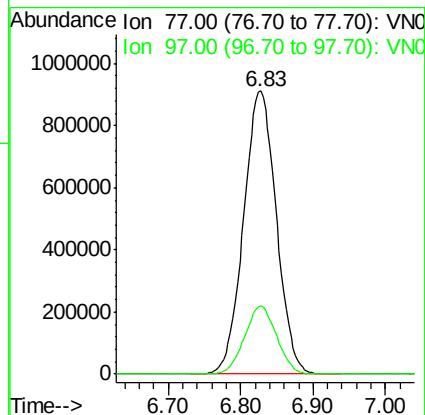
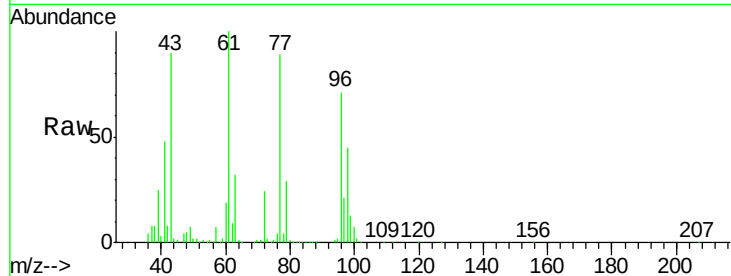
Acq: 11 Jul 2018 11:37

Tgt Ion: 77 Resp: 2862010

Ion Ratio Lower Upper

77 100

97 23.6 18.9 28.3



#32

1,1,1-Trichloroethane

Concen: 110.700 ug/l

RT: 7.57 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VN049757.D

Acq: 11 Jul 2018 11:37

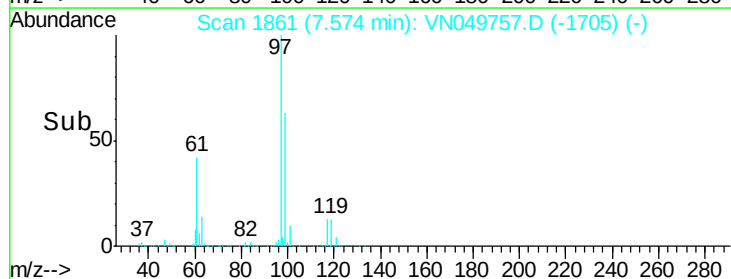
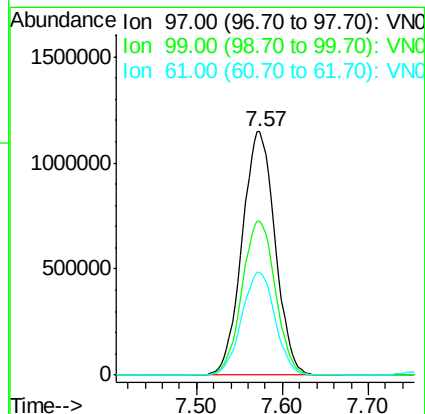
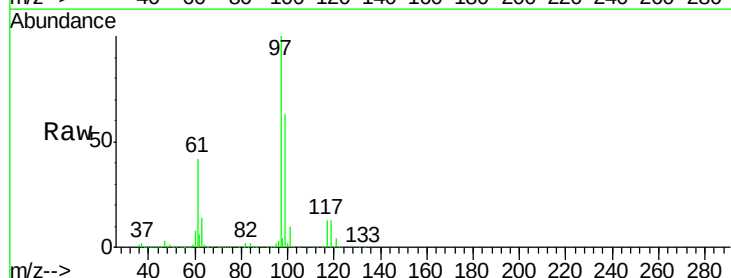
Tgt Ion: 97 Resp: 3056867

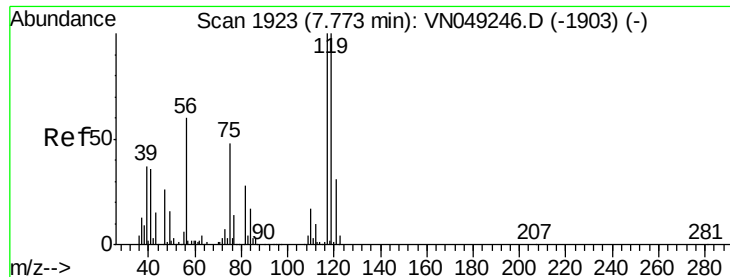
Ion Ratio Lower Upper

97 100

99 64.0 51.2 76.8

61 42.8 35.3 52.9





#33

Carbon Tetrachloride

Concen: 112.163 ug/l

RT: 7.77 min Scan# 1923

Delta R.T. -0.00 min

Lab File: VN049757.D

Acq: 11 Jul 2018 11:37

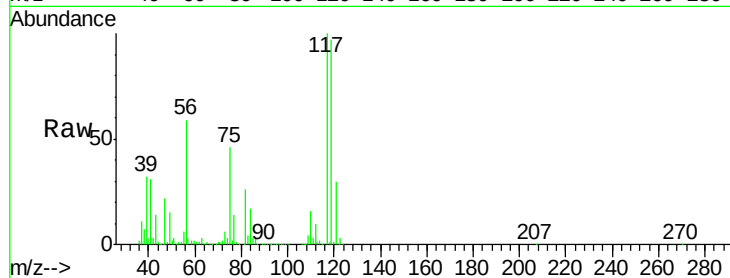
Tgt Ion: 117 Resp: 2718964

Ion Ratio Lower Upper

117 100

119 96.6 76.9 115.3

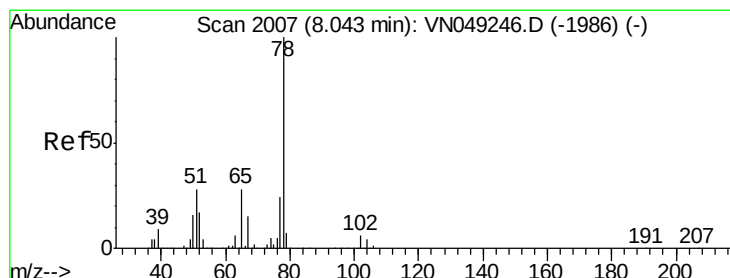
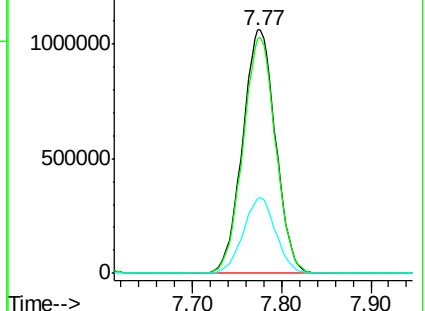
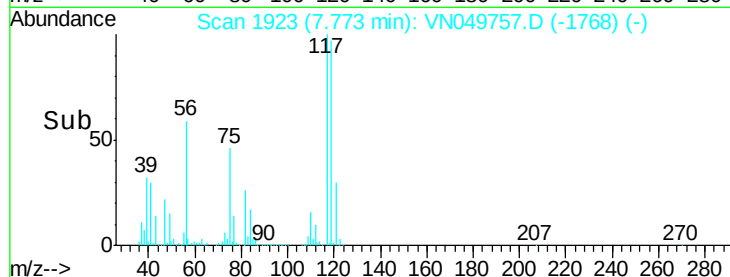
121 30.5 24.4 36.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 107.408 ug/l

RT: 8.04 min Scan# 2007

Delta R.T. 0.00 min

Lab File: VN049757.D

Acq: 11 Jul 2018 11:37

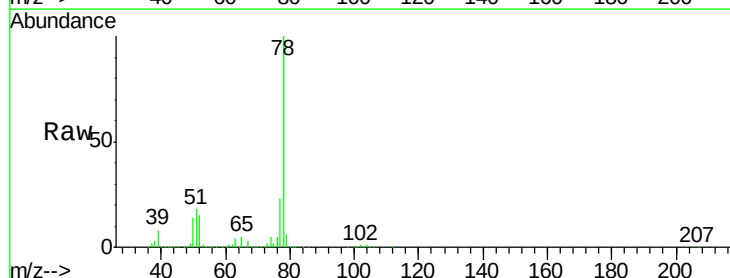
Tgt Ion: 78 Resp: 7972653

Ion Ratio Lower Upper

78 100

77 23.4 19.1 28.7

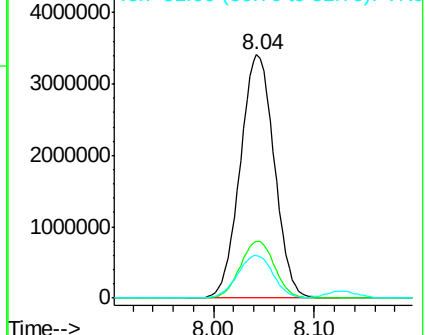
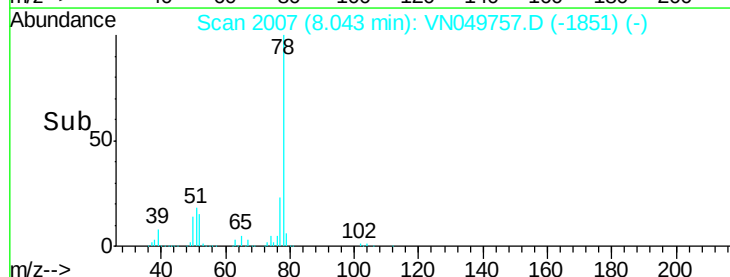
51 17.6 21.0 31.4#

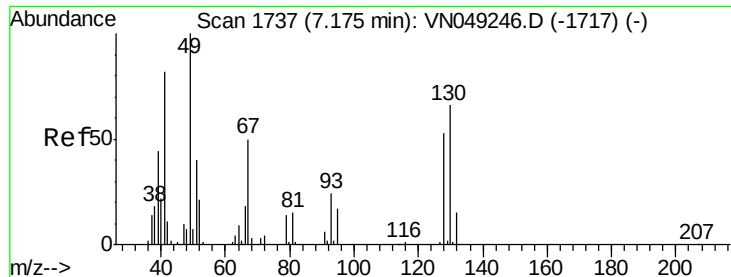


Abundance Ion 78.10 (77.80 to 78.80): V

Ion 77.00 (76.70 to 77.70): V

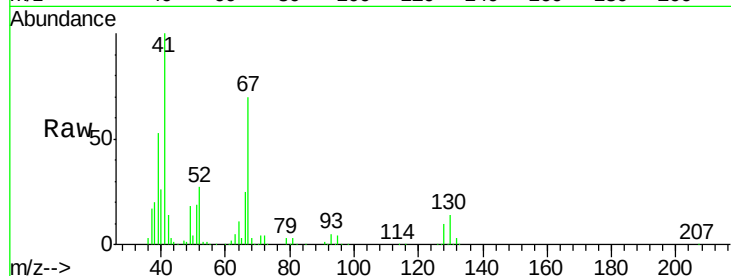
Ion 51.00 (50.70 to 51.70): V



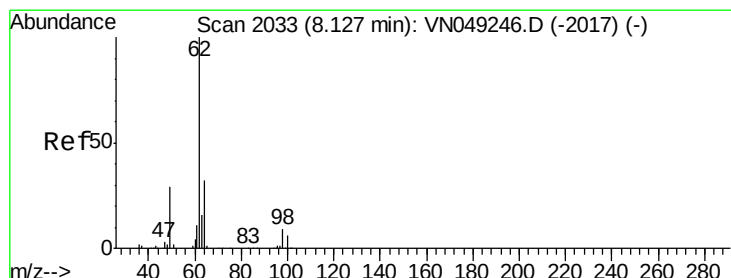
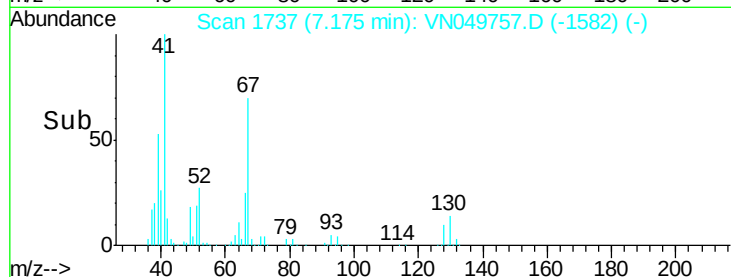
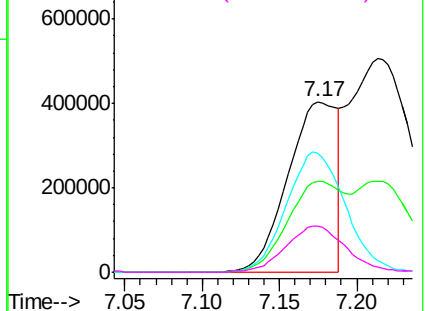


#35
Methacrylonitrile
Concen: 106.342 ug/l
RT: 7.17 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN049757.D
Acq: 11 Jul 2018 11:37

Tgt Ion:	41	Resp:	890706
Ion	Ratio	Lower	Upper
41	100		
39	53.1	27.6	82.7
67	70.0	35.1	105.5
52	27.0	14.1	42.4

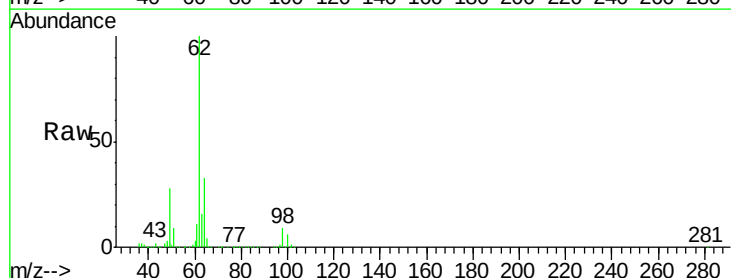


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

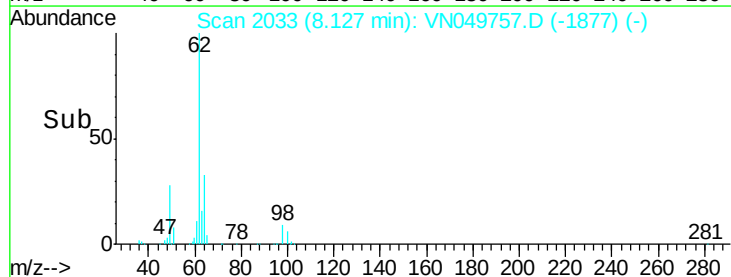
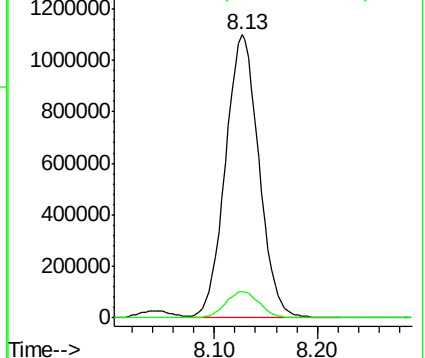


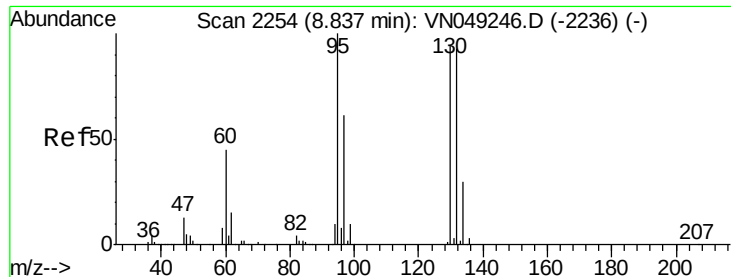
#36
1,2-Dichloroethane
Concen: 104.452 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN049757.D
Acq: 11 Jul 2018 11:37

Tgt Ion:	62	Resp:	2478737
Ion	Ratio	Lower	Upper
62	100		
98	9.4	7.8	11.6



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





#37

Trichloroethene

Concen: 114.547 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN049757.D

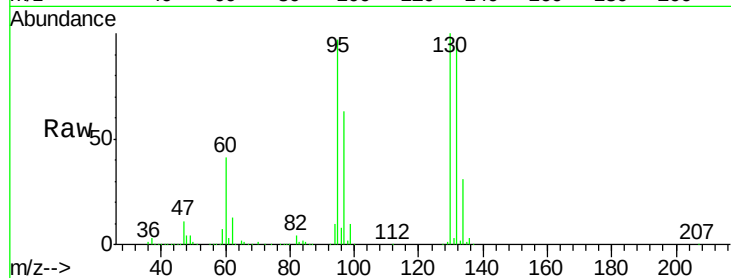
Acq: 11 Jul 2018 11:37

Tgt Ion: 130 Resp: 2084434

Ion Ratio Lower Upper

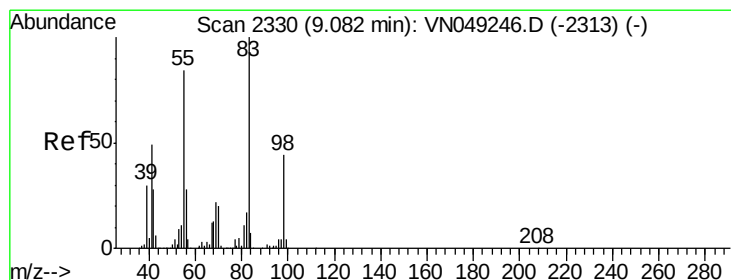
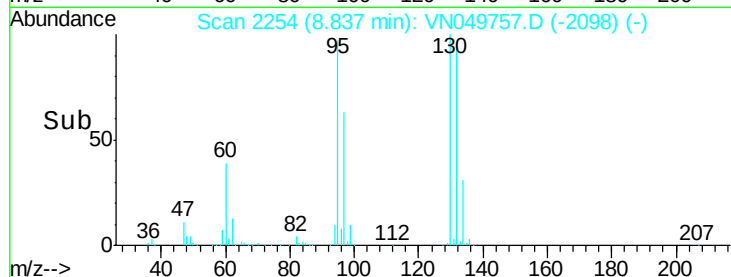
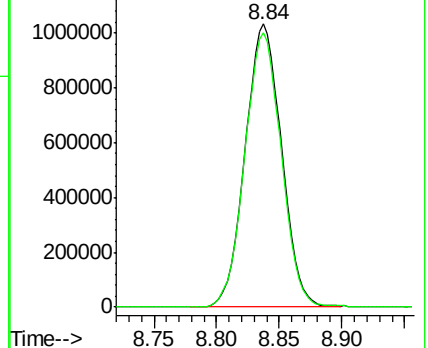
130 100

95 96.8 79.7 119.5



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN0



#38

Methylcyclohexane

Concen: 119.634 ug/l

RT: 9.08 min Scan# 2330

Delta R.T. 0.00 min

Lab File: VN049757.D

Acq: 11 Jul 2018 11:37

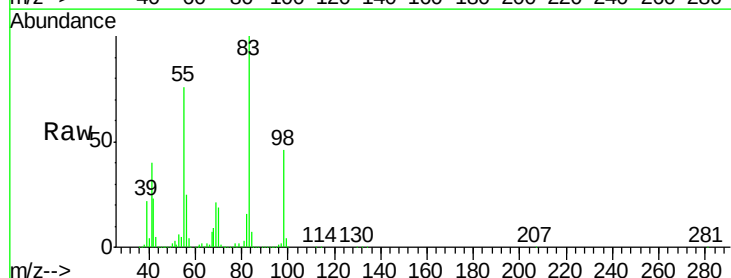
Tgt Ion: 83 Resp: 3028395

Ion Ratio Lower Upper

83 100

55 75.1 39.3 117.8

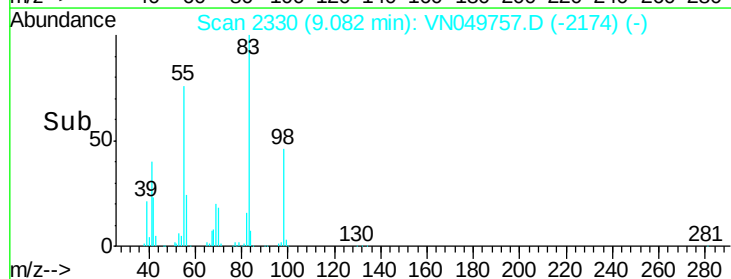
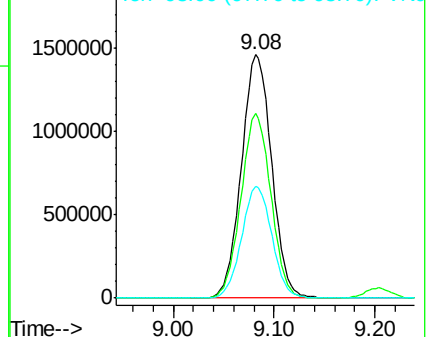
98 45.9 23.0 69.0

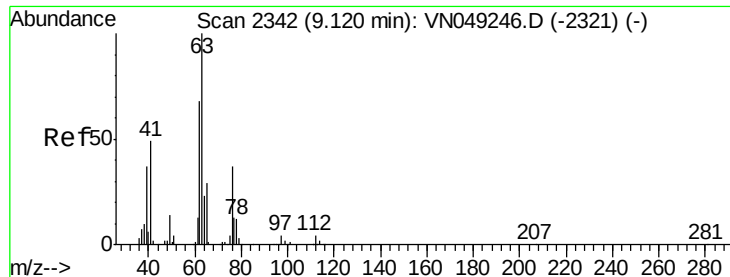


Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#39

1,2-Dichloropropane

Concen: 102.243 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. -0.00 min

Lab File: VN049757.D

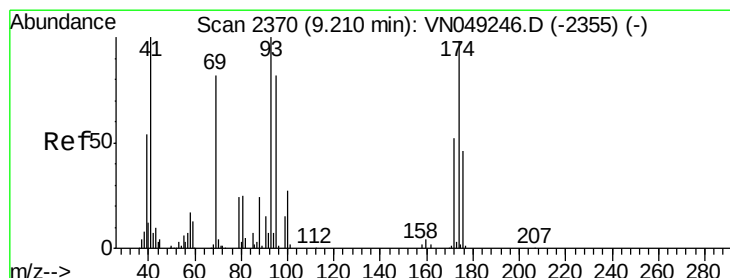
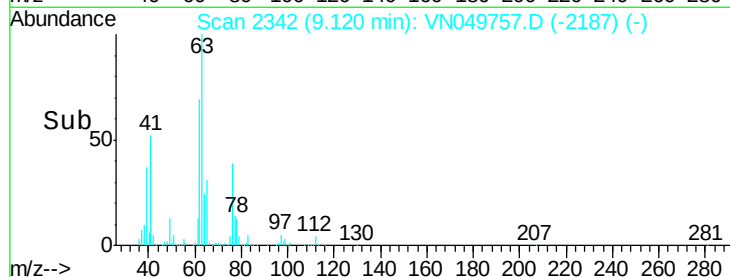
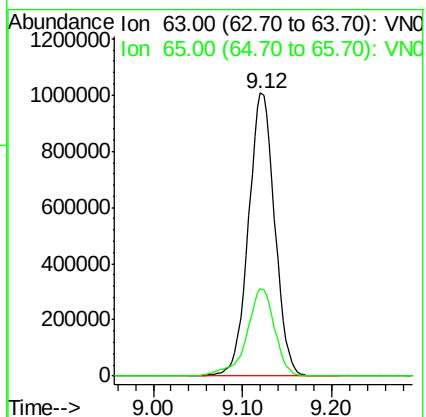
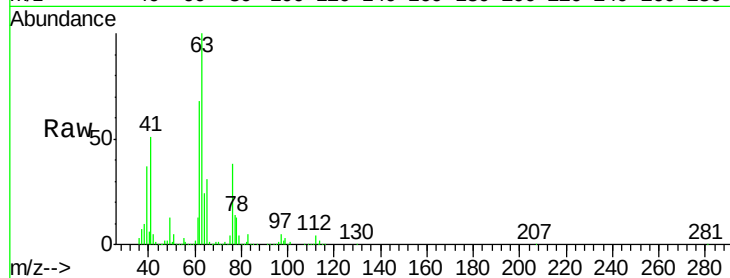
Acq: 11 Jul 2018 11:37

Tgt Ion: 63 Resp: 2063477

Ion Ratio Lower Upper

63 100

65 30.8 24.2 36.2



#40

Dibromomethane

Concen: 109.620 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN049757.D

Acq: 11 Jul 2018 11:37

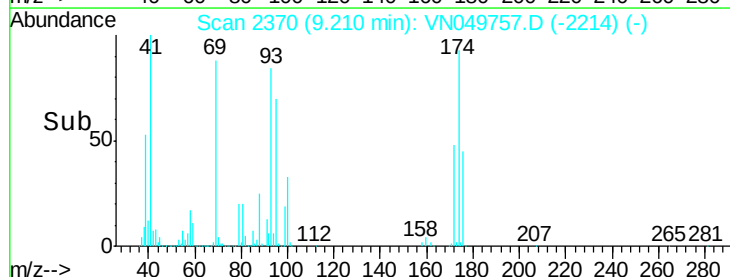
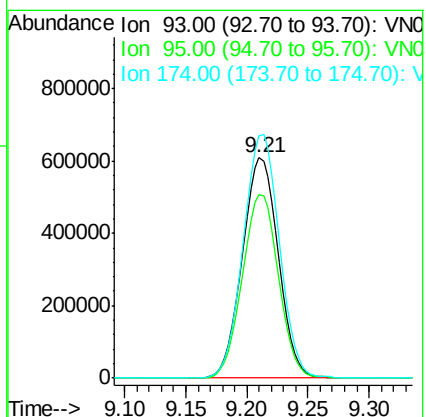
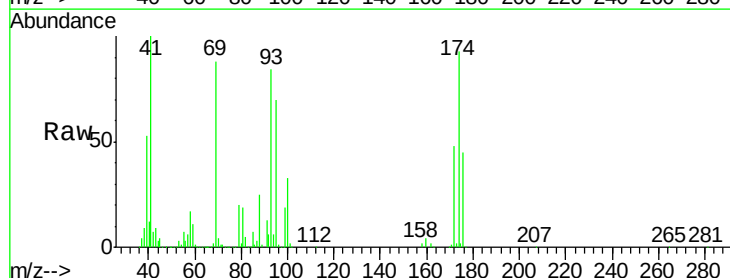
Tgt Ion: 93 Resp: 1238731

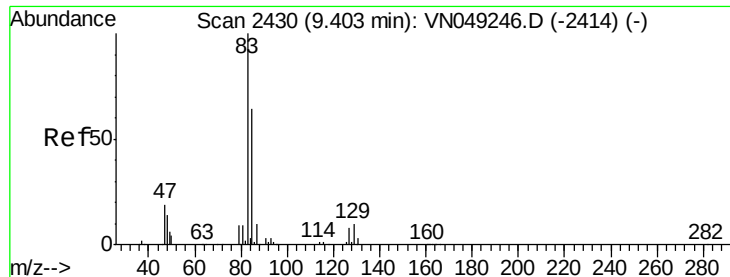
Ion Ratio Lower Upper

93 100

95 83.5 0.0 165.6

174 111.0 0.0 223.2





#41

Bromodichloromethane

Concen: 108.043 ug/l

RT: 9.41 min Scan# 2431

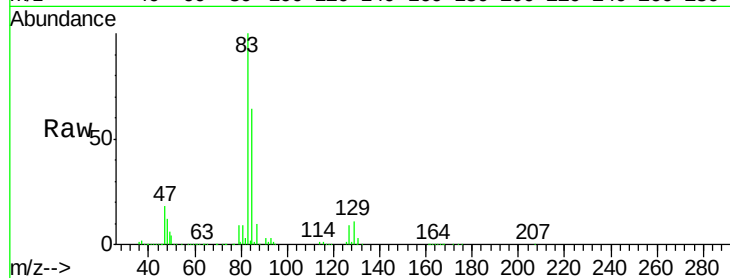
Delta R.T. 0.00 min

Lab File: VN049757.D

Acq: 11 Jul 2018 11:37

Tgt Ion: 83 Resp: 2696424

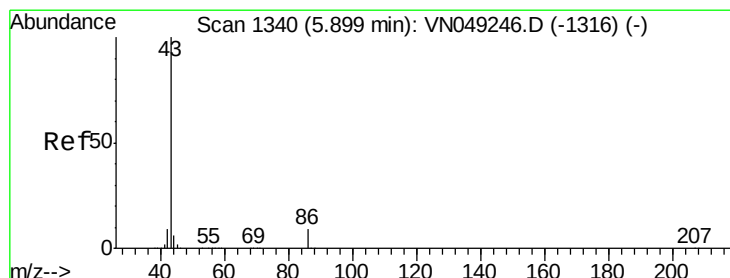
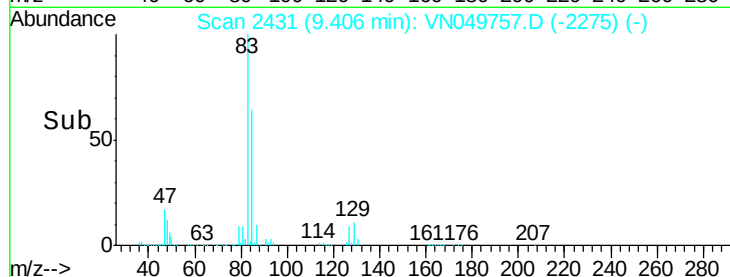
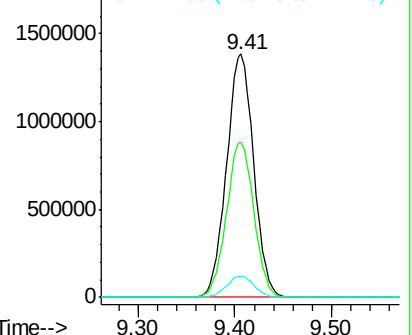
Ion	Ratio	Lower	Upper
83	100		
85	63.8	52.6	78.8
127	8.8	7.0	10.4



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) (-)



#42

Vinyl Acetate

Concen: 531.518 ug/l

RT: 5.90 min Scan# 1340

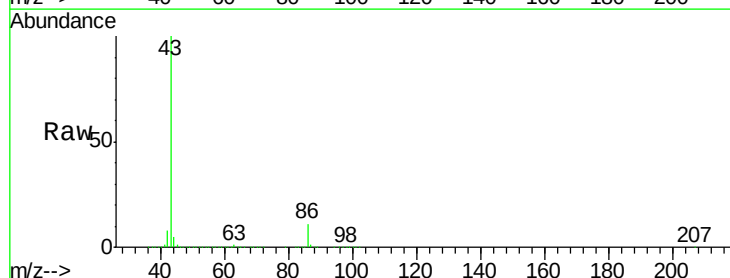
Delta R.T. -0.00 min

Lab File: VN049757.D

Acq: 11 Jul 2018 11:37

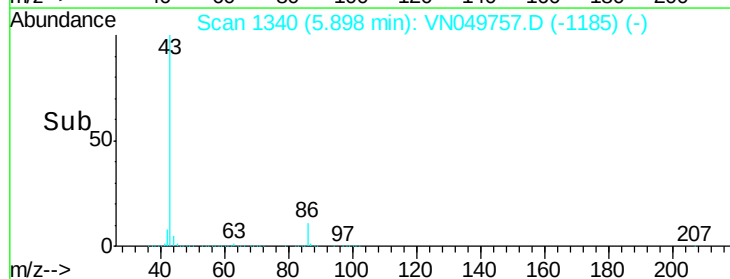
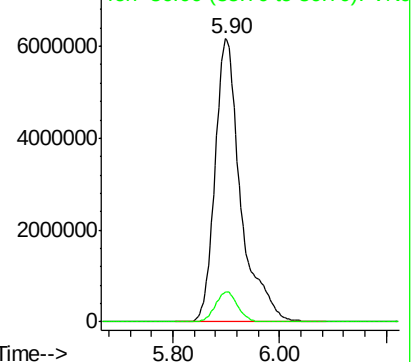
Tgt Ion: 43 Resp: 20560589

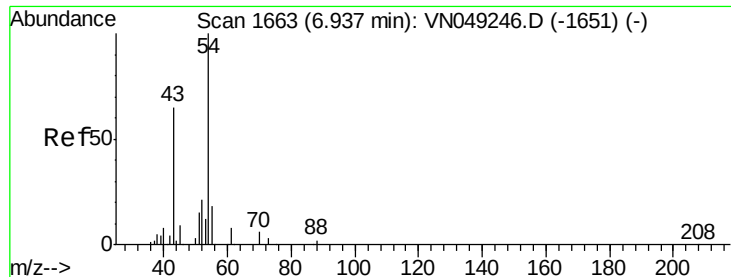
Ion	Ratio	Lower	Upper
43	100		
86	9.2	7.3	10.9



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

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





#43

Ethyl Acetate

Concen: 110.291 ug/l

RT: 6.94 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VN049757.D

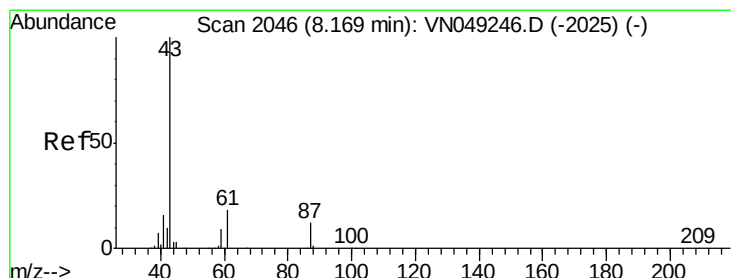
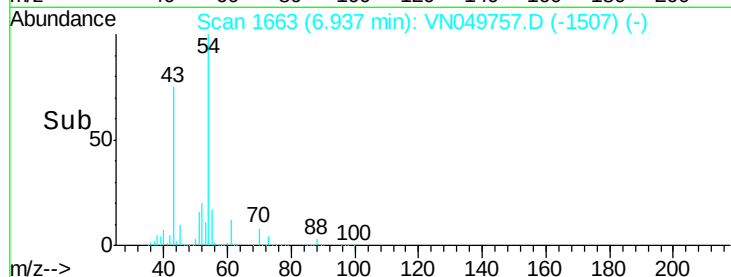
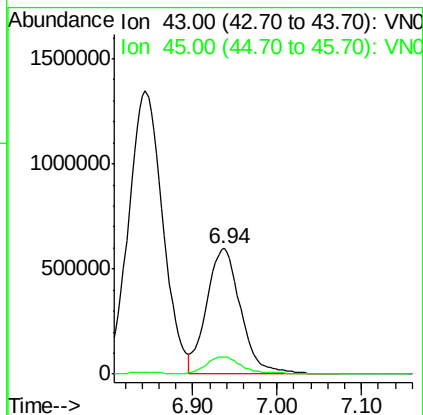
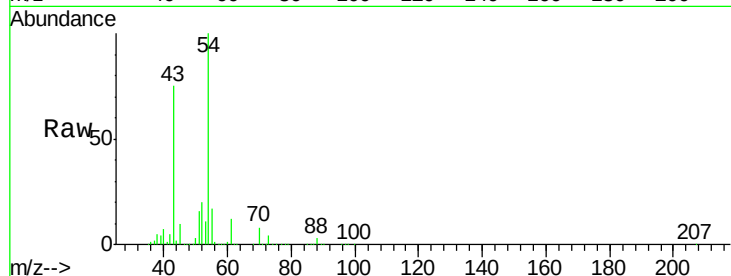
Acq: 11 Jul 2018 11:37

Tgt Ion: 43 Resp: 1665620

Ion Ratio Lower Upper

43 100

45 14.7 13.0 19.6



#44

Isopropyl Acetate

Concen: 105.071 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN049757.D

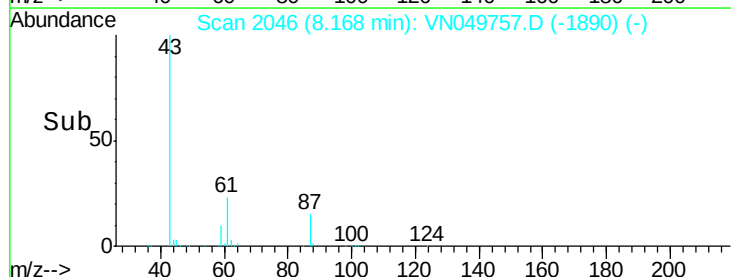
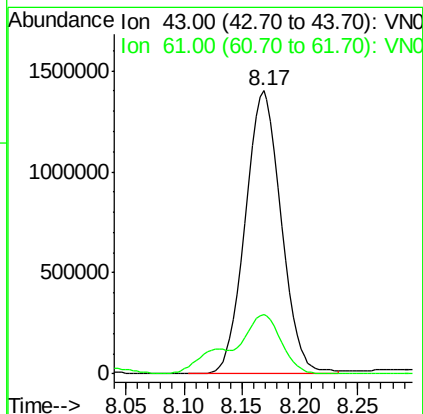
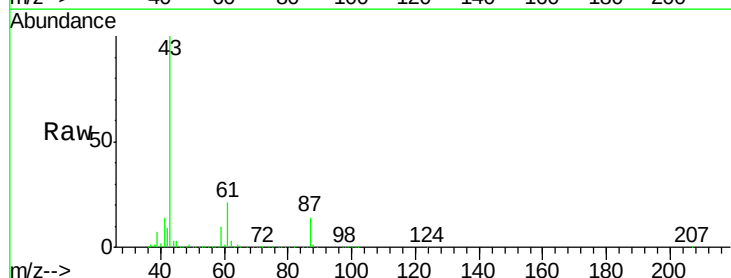
Acq: 11 Jul 2018 11:37

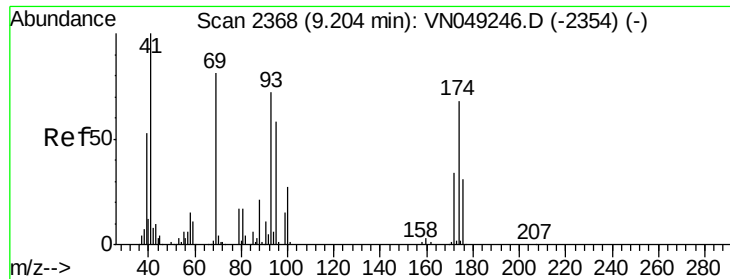
Tgt Ion: 43 Resp: 3030210

Ion Ratio Lower Upper

43 100

61 21.0 16.4 24.6





#45

1,4-Dioxane

Concen: 2467.461 ug/l

RT: 9.20 min Scan# 2368

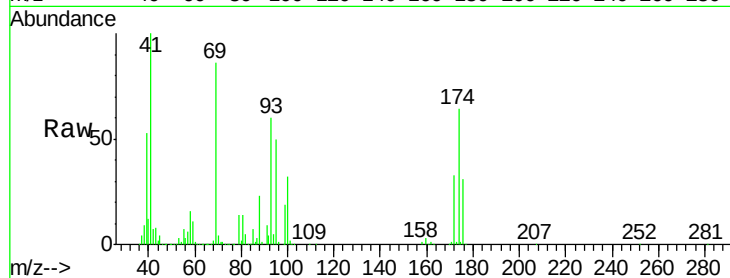
Delta R.T. -0.00 min

Lab File: VN049757.D

Acq: 11 Jul 2018 11:37

Tgt Ion: 88 Resp: 405059

Ion	Ratio	Lower	Upper
88	100		
43	33.5	26.9	40.3
58	68.6	53.6	80.4

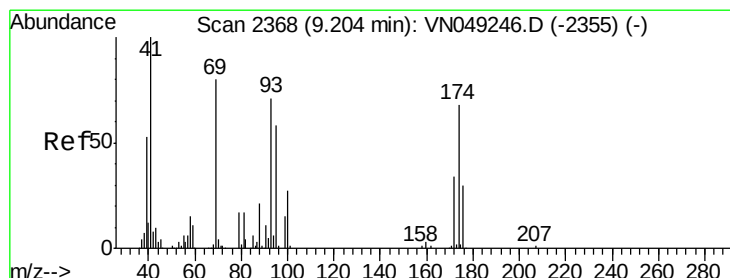
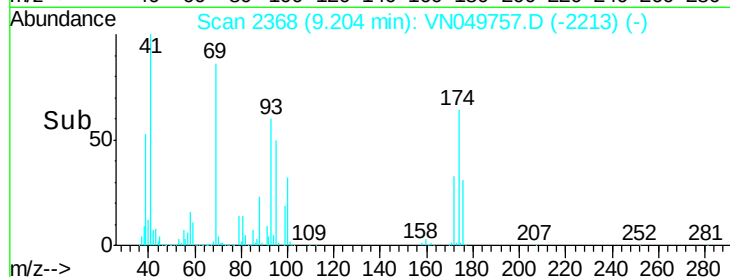
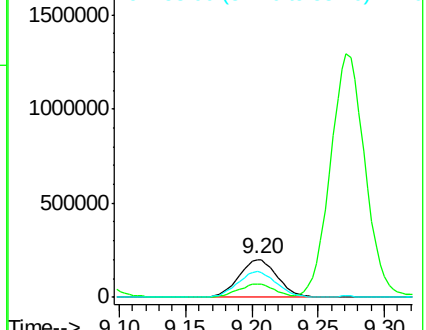


Abundance

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: 117.078 ug/l

RT: 9.20 min Scan# 2368

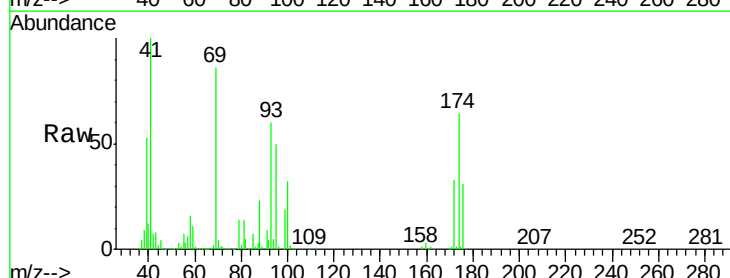
Delta R.T. 0.00 min

Lab File: VN049757.D

Acq: 11 Jul 2018 11:37

Tgt Ion: 41 Resp: 1597980

Ion	Ratio	Lower	Upper
41	100		
69	86.8	44.0	132.1
39	52.9	27.0	80.8

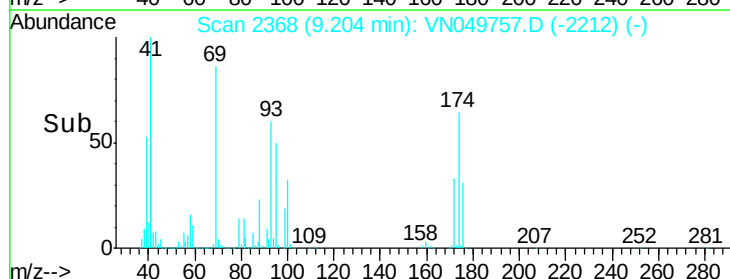
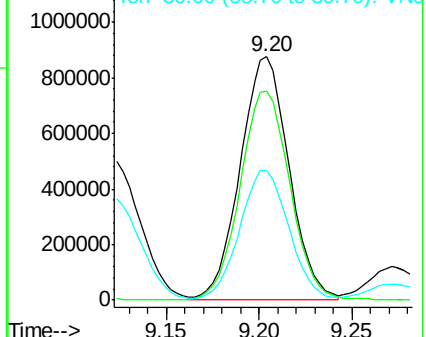


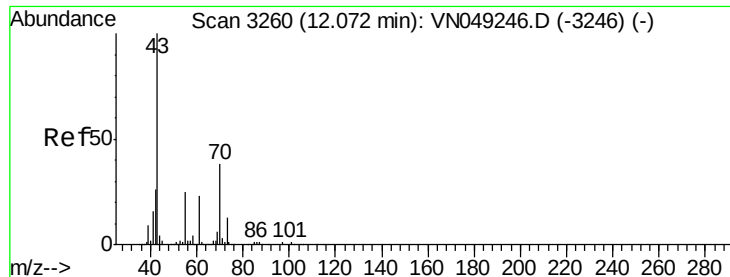
Abundance

Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

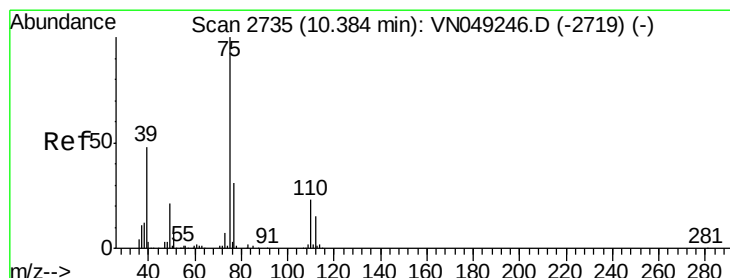
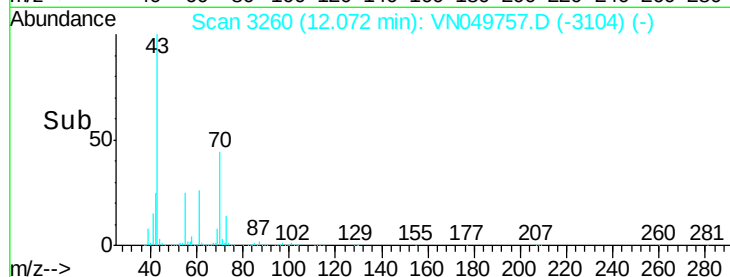
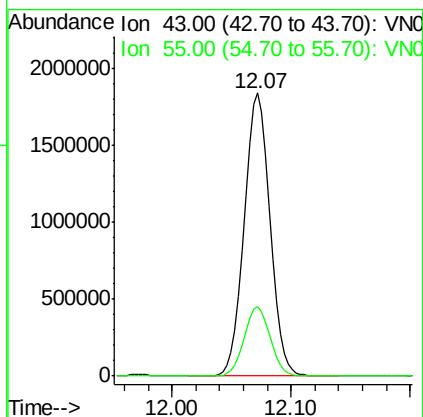
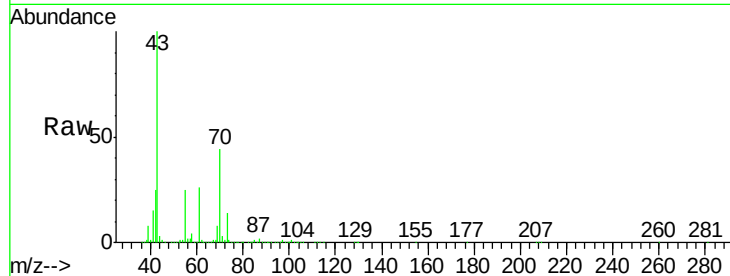
Ion 39.00 (38.70 to 39.70): VN0





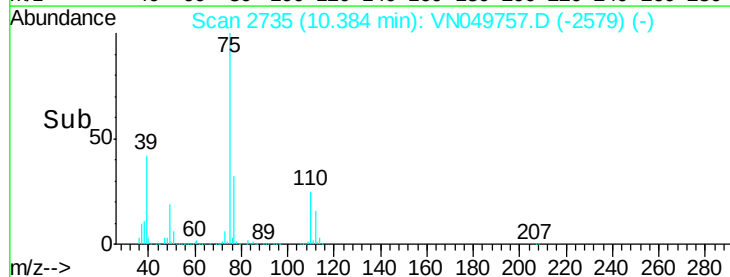
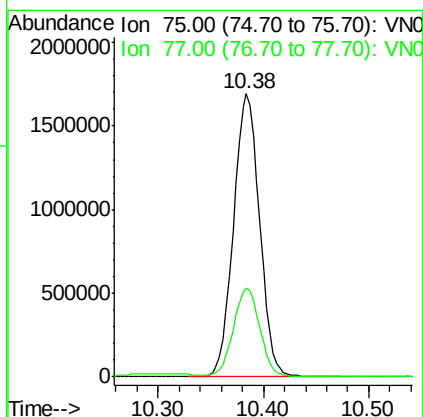
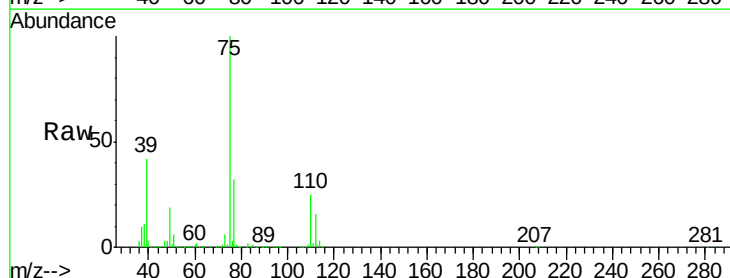
#47
n-amyl Acetate
Concen: 120.311 ug/l
RT: 12.07 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN049757.D
Acq: 11 Jul 2018 11:37

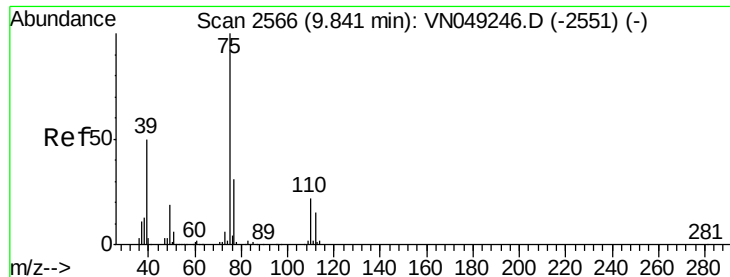
Tgt Ion: 43 Resp: 2759280
Ion Ratio Lower Upper
43 100
55 25.0 21.0 31.4



#48
t-1,3-Dichloropropene
Concen: 118.394 ug/l
RT: 10.38 min Scan# 2735
Delta R.T. 0.00 min
Lab File: VN049757.D
Acq: 11 Jul 2018 11:37

Tgt Ion: 75 Resp: 2885971
Ion Ratio Lower Upper
75 100
77 31.4 24.6 37.0

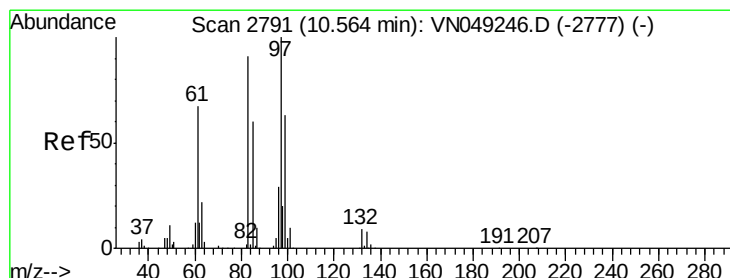
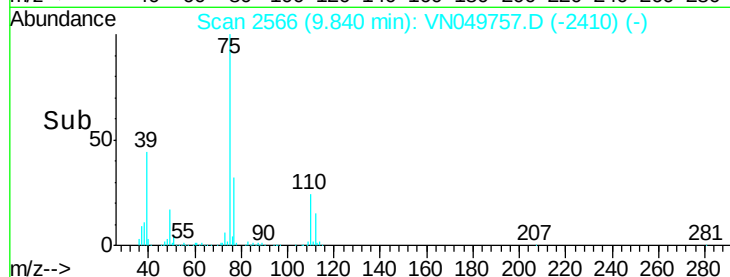
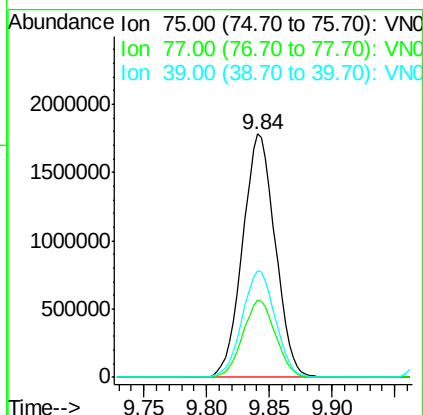
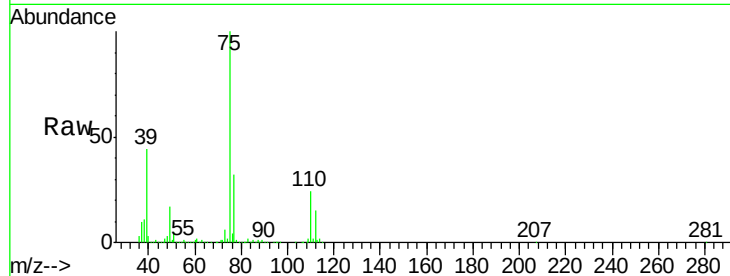




#49

cis-1,3-Dichloropropene
Concen: 113.892 ug/l
RT: 9.84 min Scan# 2566
Delta R.T. 0.00 min
Lab File: VN049757.D
Acq: 11 Jul 2018 11:37

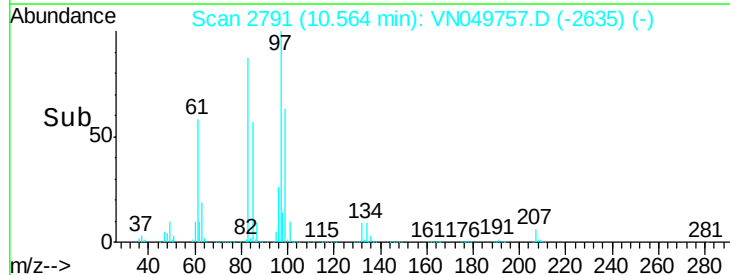
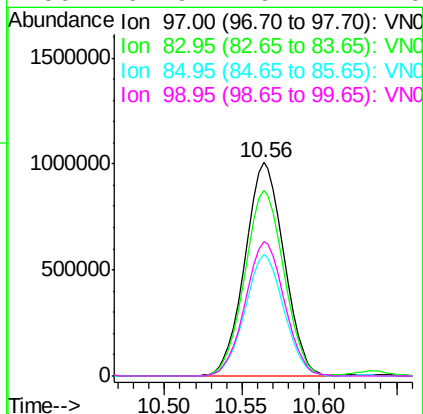
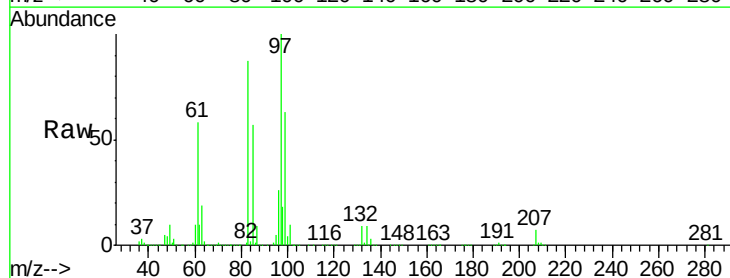
Tgt Ion: 75 Resp: 3228540
Ion Ratio Lower Upper
75 100
77 31.8 25.7 38.5
39 43.8 36.3 54.5

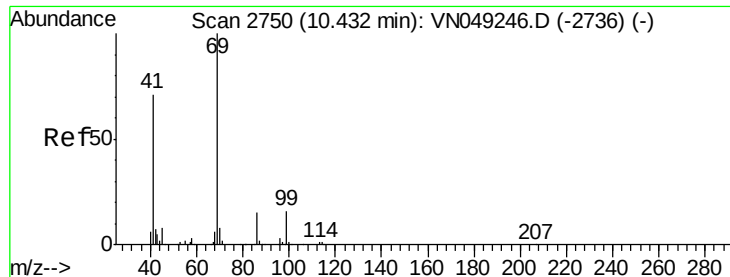


#50

1,1,2-Trichloroethane
Concen: 110.117 ug/l
RT: 10.56 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN049757.D
Acq: 11 Jul 2018 11:37

Tgt Ion: 97 Resp: 1777511
Ion Ratio Lower Upper
97 100
83 87.1 68.1 102.1
85 56.7 45.4 68.2
99 62.9 49.4 74.0





#51

Ethyl methacrylate

Concen: 119.929 ug/l

RT: 10.43 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VN049757.D

Acq: 11 Jul 2018 11:37

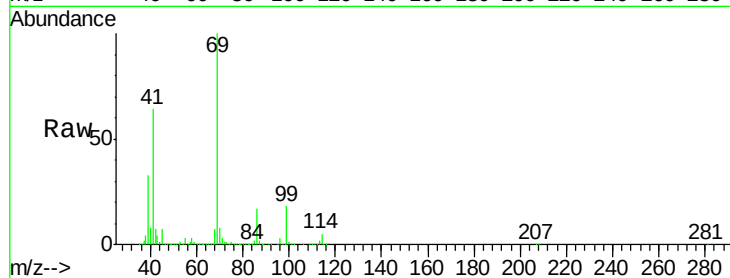
Tgt Ion: 69 Resp: 2406174

Ion	Ratio	Lower	Upper
69	100		
41	63.8	31.9	95.9
39	32.4	16.7	50.1

69 100

41 63.8 31.9 95.9

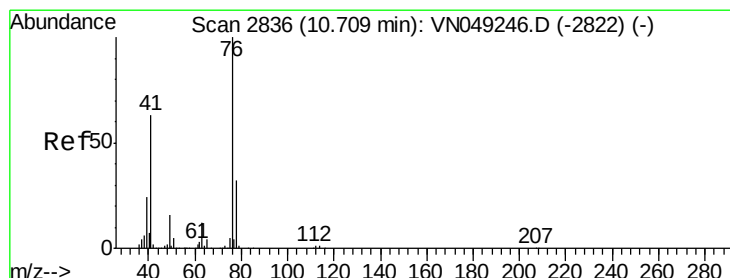
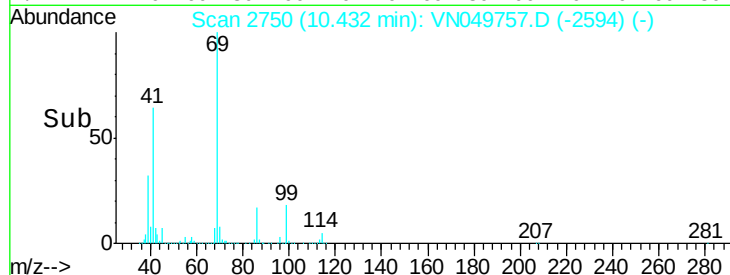
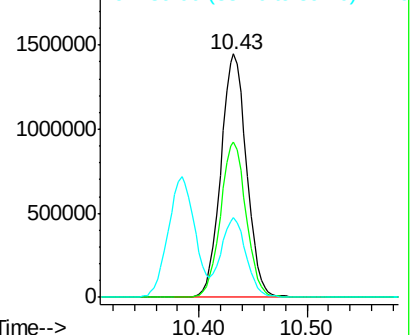
39 32.4 16.7 50.1



Abundance Ion 69.00 (68.70 to 69.70): VN049246.D (-2736) (-)

Ion 41.00 (40.70 to 41.70): VN049246.D (-2736) (-)

Ion 39.00 (38.70 to 39.70): VN049246.D (-2736) (-)



#52

1,3-Dichloropropane

Concen: 110.129 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN049757.D

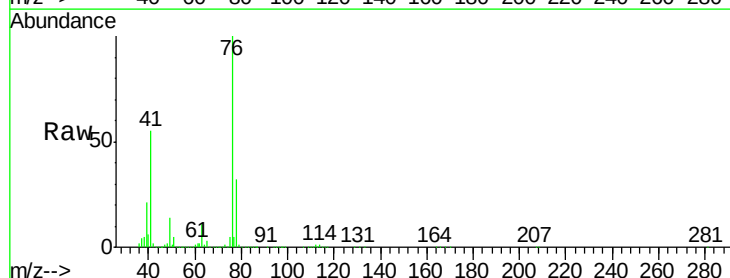
Acq: 11 Jul 2018 11:37

Tgt Ion: 76 Resp: 3020087

Ion	Ratio	Lower	Upper
76	100		
78	32.1	0.0	65.6

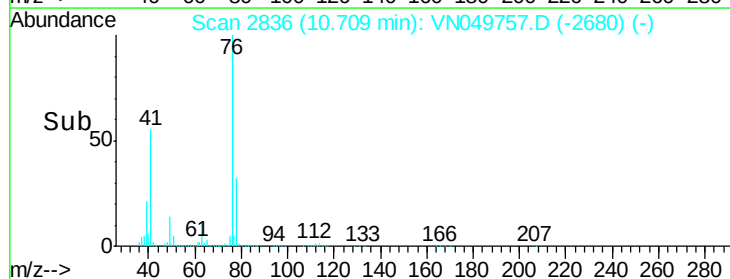
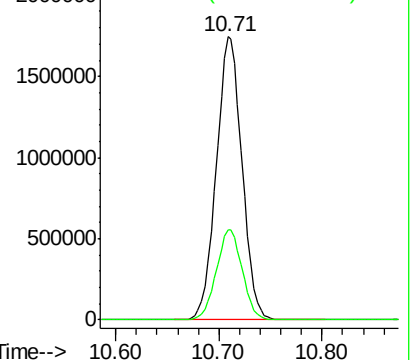
76 100

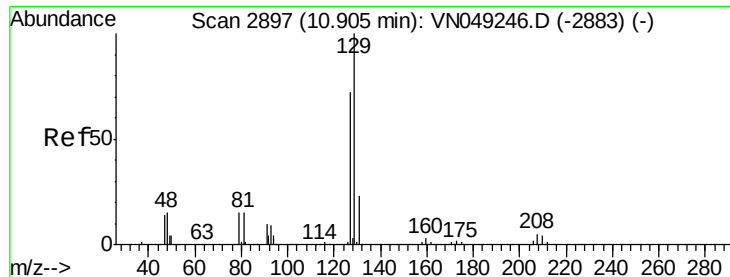
78 32.1 0.0 65.6



Abundance Ion 76.00 (75.70 to 76.70): VN049246.D (-2822) (-)

Ion 78.00 (77.70 to 78.70): VN049246.D (-2822) (-)





#53

Dibromochloromethane

Concen: 116.550 ug/l

RT: 10.90 min Scan# 2897

Delta R.T. 0.00 min

Lab File: VN049757.D

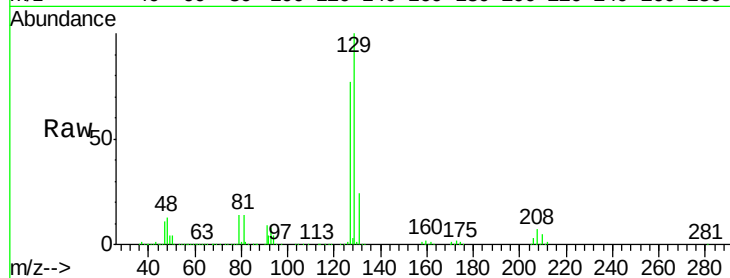
Acq: 11 Jul 2018 11:37

Tgt Ion:129 Resp: 2092041

Ion Ratio Lower Upper

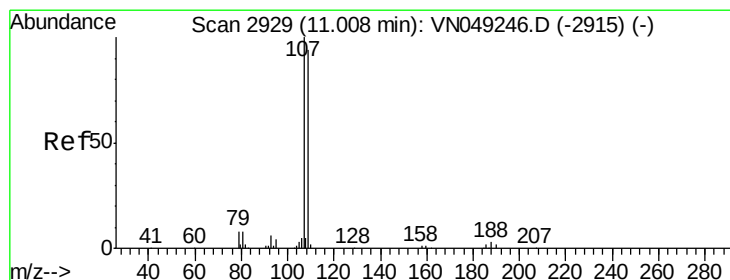
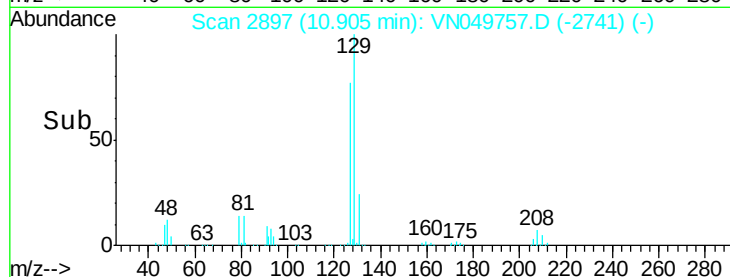
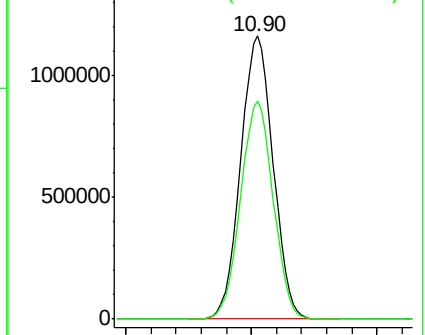
129 100

127 77.3 38.1 114.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 120.843 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VN049757.D

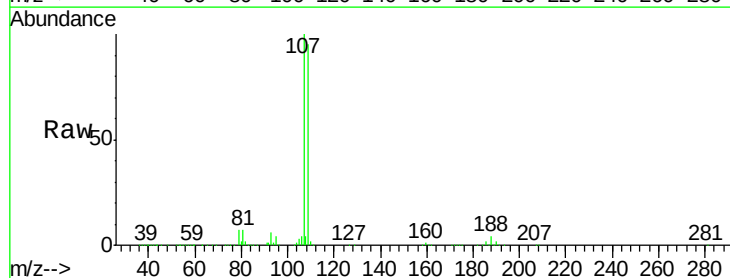
Acq: 11 Jul 2018 11:37

Tgt Ion:107 Resp: 1820213

Ion Ratio Lower Upper

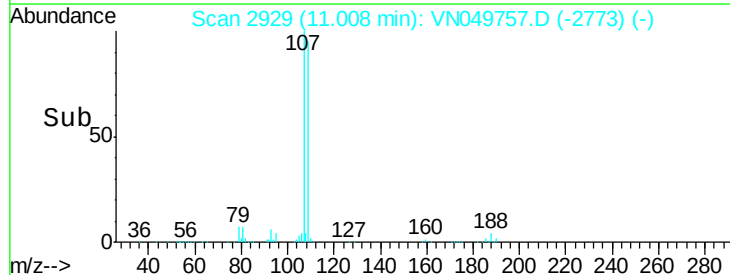
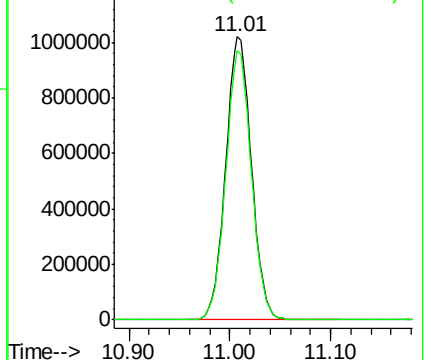
107 100

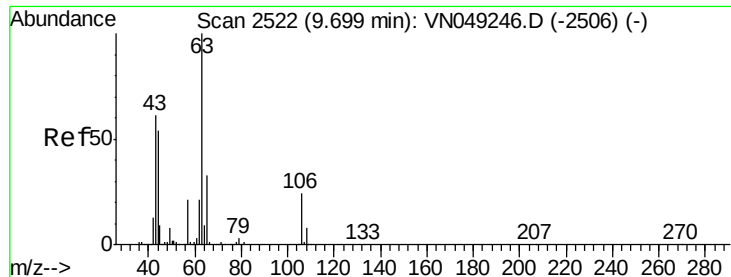
109 94.7 76.2 114.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 851.584 ug/l

RT: 9.70 min Scan# 2522

Delta R.T. 0.00 min

Lab File: VN049757.D

Acq: 11 Jul 2018 11:37

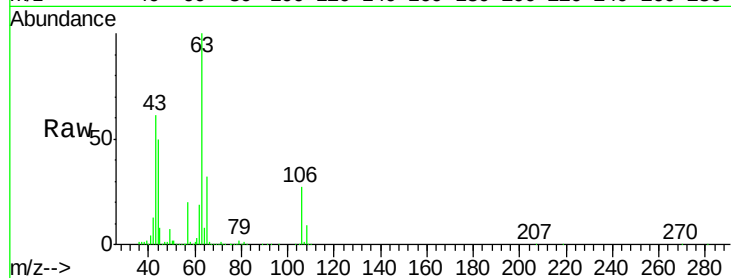
Tgt Ion: 63 Resp: 6023563

Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.5	38.3
106	27.3	21.8	32.6

63 100

65 32.2 25.5 38.3

106 27.3 21.8 32.6

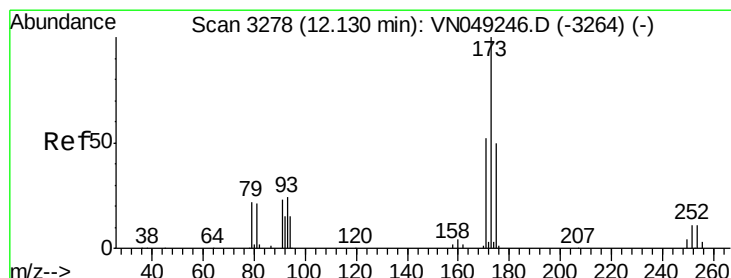
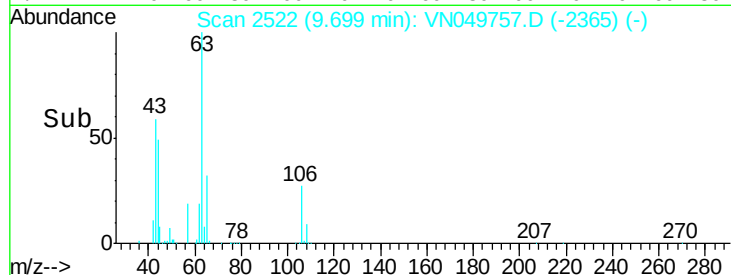
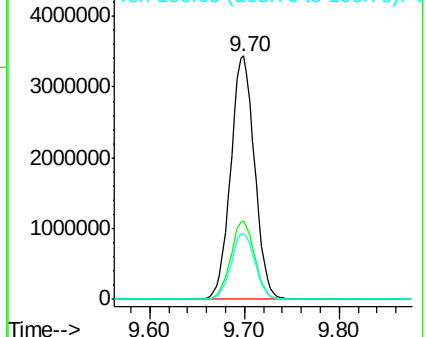


Abundance

Ion 63.00 (62.70 to 63.70): VN049246.D (-2506) (-)

Ion 65.00 (64.70 to 65.70): VN049246.D (-2506) (-)

Ion 106.00 (105.70 to 106.70): VN049246.D (-2506) (-)



#56

Bromoform

Concen: 128.173 ug/l

RT: 12.13 min Scan# 3278

Delta R.T. 0.00 min

Lab File: VN049757.D

Acq: 11 Jul 2018 11:37

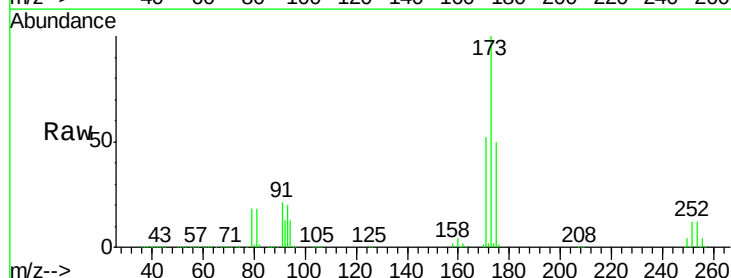
Tgt Ion: 173 Resp: 1481000

Ion	Ratio	Lower	Upper
173	100		
175	49.2	38.6	57.8
254	11.5	8.8	13.2

173 100

175 49.2 38.6 57.8

254 11.5 8.8 13.2

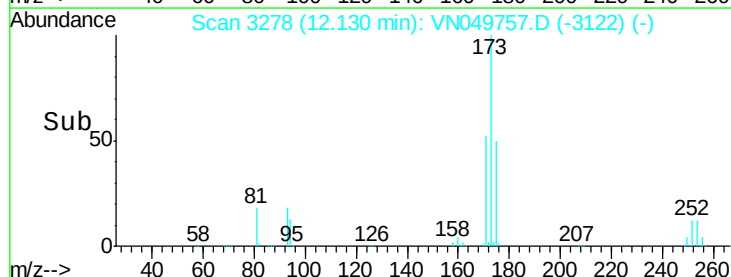
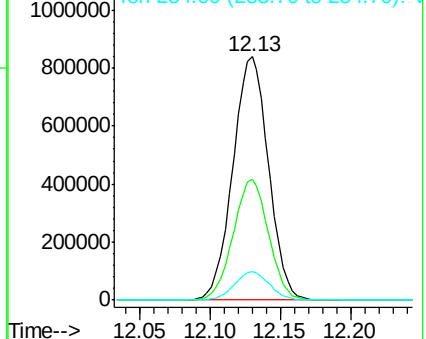


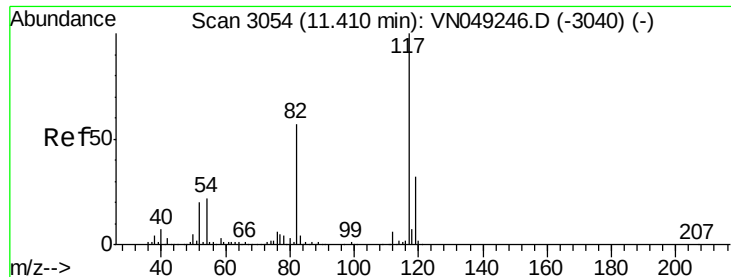
Abundance

Ion 173.00 (172.70 to 173.70): VN049246.D (-3264) (-)

Ion 175.00 (174.70 to 175.70): VN049246.D (-3264) (-)

Ion 254.00 (253.70 to 254.70): VN049246.D (-3264) (-)

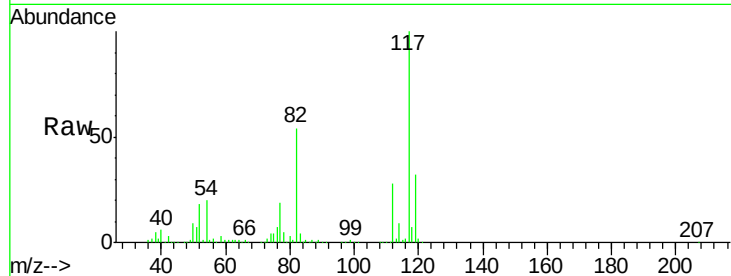




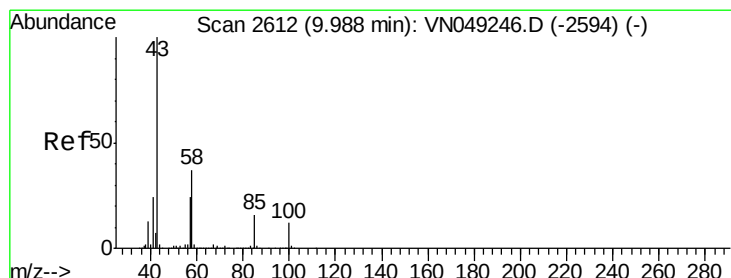
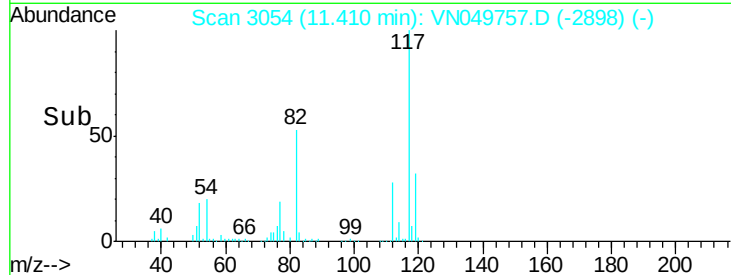
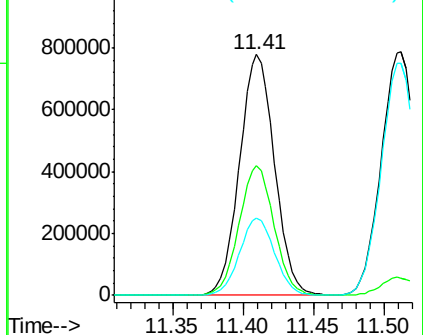
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049757.D
Acq: 11 Jul 2018 11:37

Tgt Ion: 117 Resp: 1354143

Ion	Ratio	Lower	Upper
117	100		
82	53.6	42.4	63.6
119	32.2	25.4	38.0



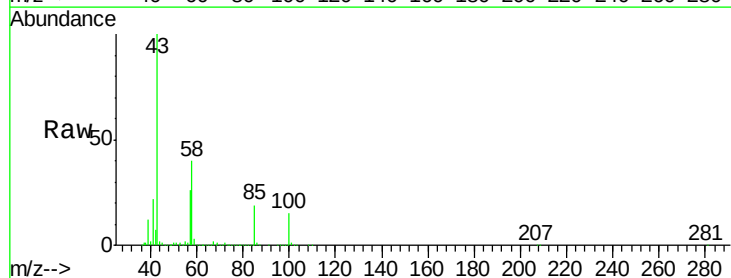
Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



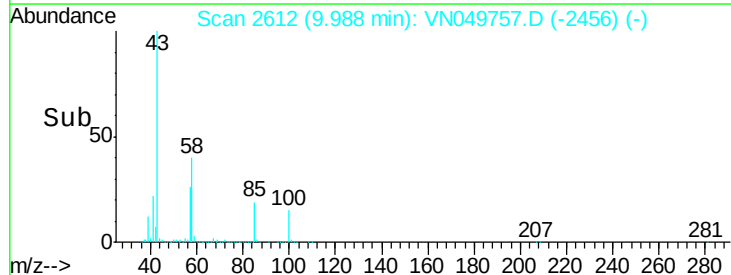
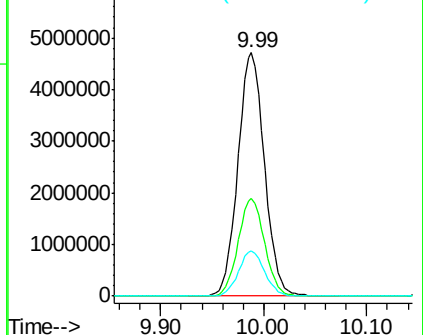
#58
4-Methyl-2-Pentanone
Concen: 551.182 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN049757.D
Acq: 11 Jul 2018 11:37

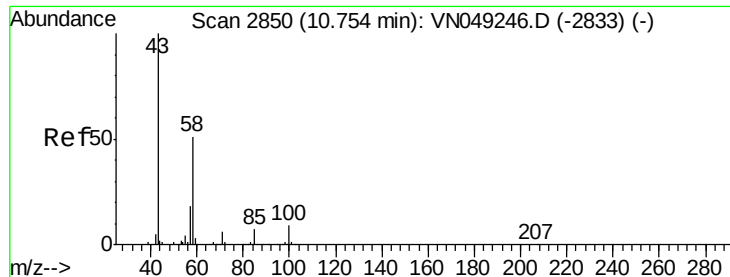
Tgt Ion: 43 Resp: 8429749

Ion	Ratio	Lower	Upper
43	100		
58	40.1	31.2	46.8
85	18.5	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

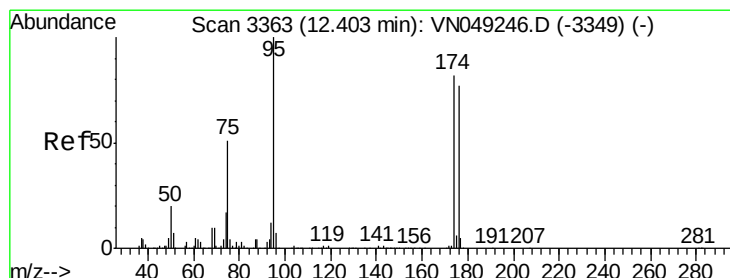
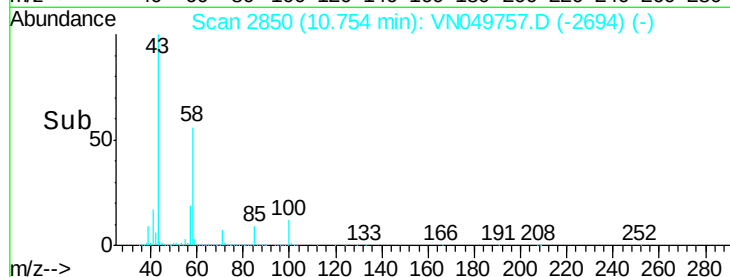
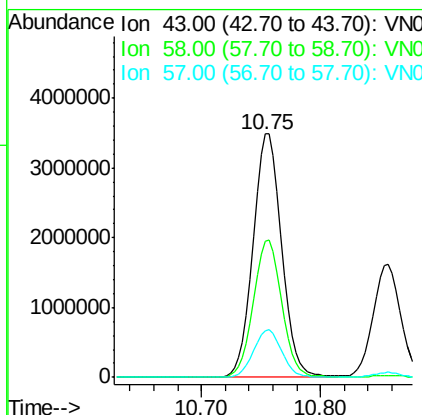
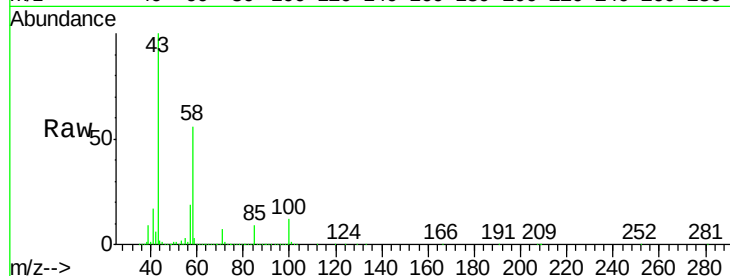




#59
2-Hexanone
Concen: 599.517 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049757.D
Acq: 11 Jul 2018 11:37

Tgt Ion: 43 Resp: 5803233

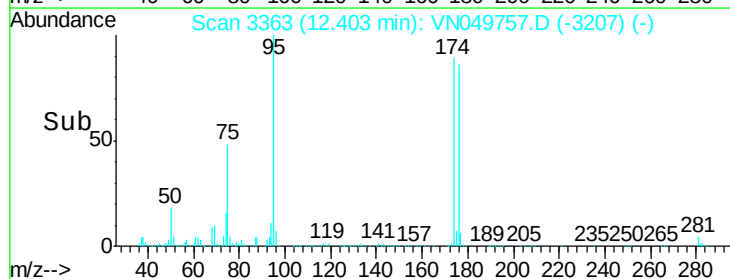
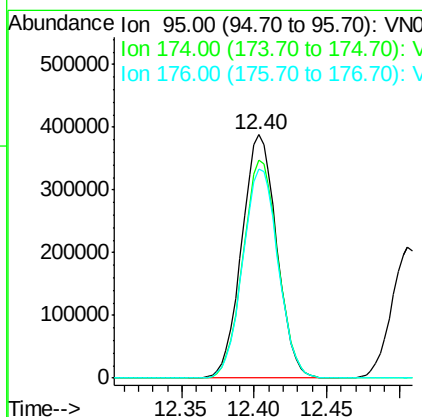
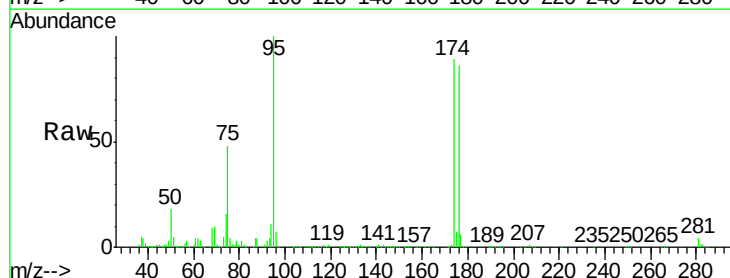
Ion	Ratio	Lower	Upper
43	100		
58	56.1	43.8	65.8
57	19.4	15.1	22.7

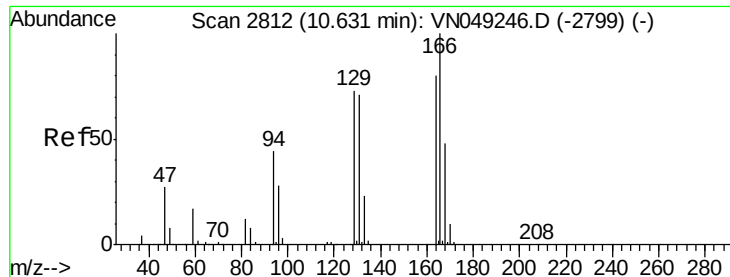


#60
4-Bromofluorobenzene
Concen: 30.674 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049757.D
Acq: 11 Jul 2018 11:37

Tgt Ion: 95 Resp: 652223

Ion	Ratio	Lower	Upper
95	100		
174	89.8	72.3	108.5
176	87.1	70.0	105.0





#61

Tetrachloroethene

Concen: 105.604 ug/l

RT: 10.63 min Scan# 2813

Delta R.T. 0.00 min

Lab File: VN049757.D

Acq: 11 Jul 2018 11:37

Tgt Ion: 164 Resp: 1869118

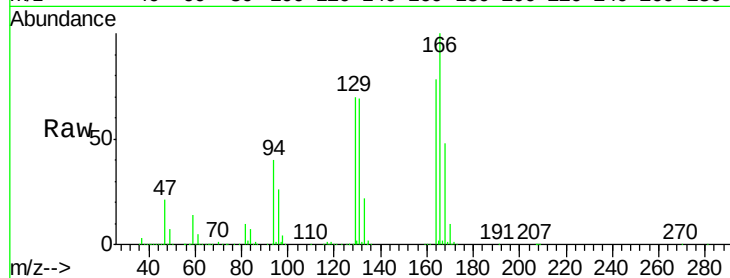
Ion Ratio Lower Upper

164 100

166 128.0 100.0 150.0

129 89.3 69.3 103.9

131 87.7 68.8 103.2

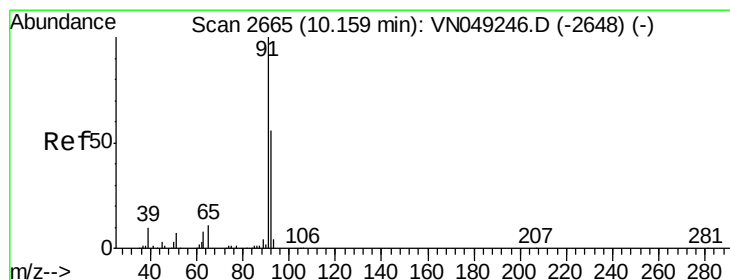
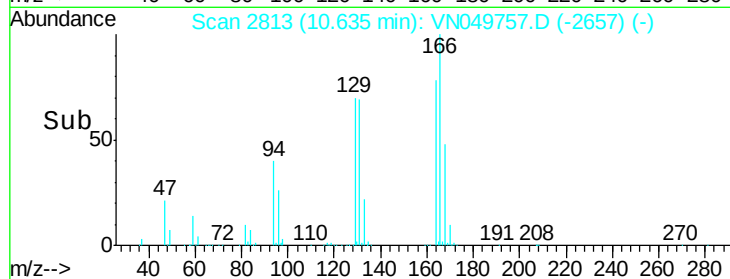
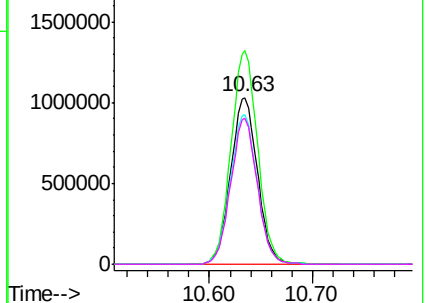


Abundance Ion 163.85 (163.55 to 164.55): V

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: 111.034 ug/l

RT: 10.16 min Scan# 2665

Delta R.T. 0.00 min

Lab File: VN049757.D

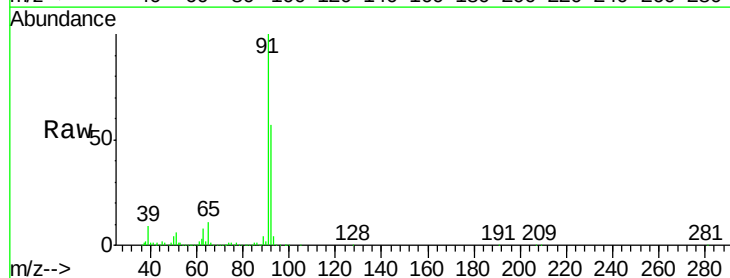
Acq: 11 Jul 2018 11:37

Tgt Ion: 91 Resp: 8713967

Ion Ratio Lower Upper

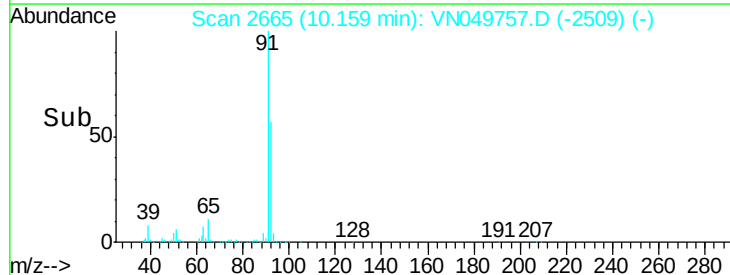
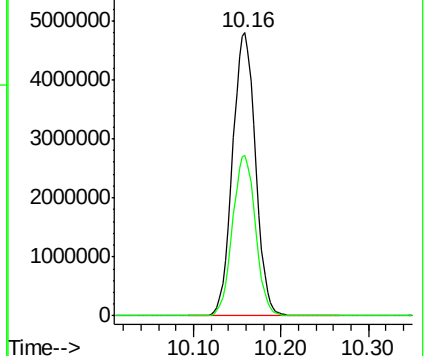
91 100

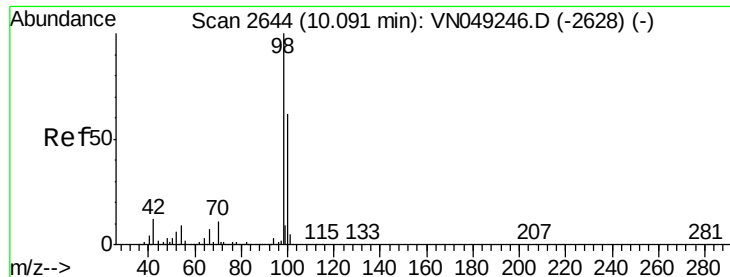
92 56.9 45.7 68.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V





#63

Toluene-d8

Concen: 28.845 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN049757.D

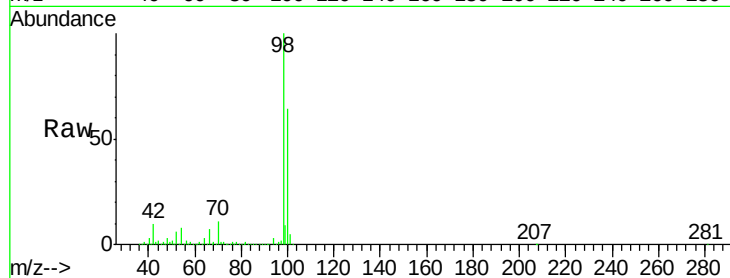
Acq: 11 Jul 2018 11:37

Tgt Ion: 98 Resp: 1873952

Ion Ratio Lower Upper

98 100

100 63.9 51.2 76.8



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

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

1200000

1000000

800000

600000

400000

200000

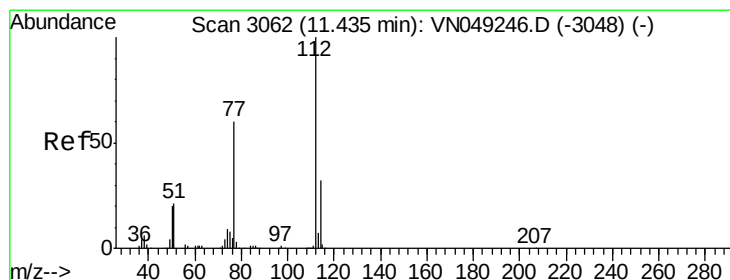
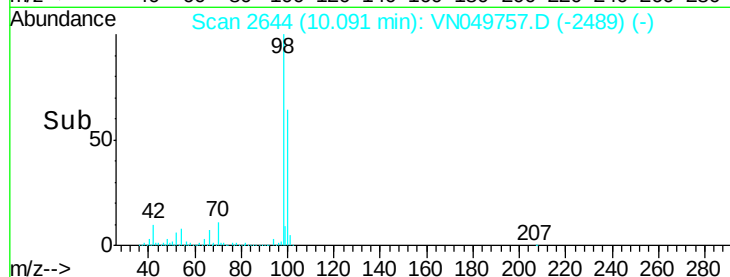
0

10.00

10.09

10.20

Time-->



#64

Chlorobenzene

Concen: 116.580 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049757.D

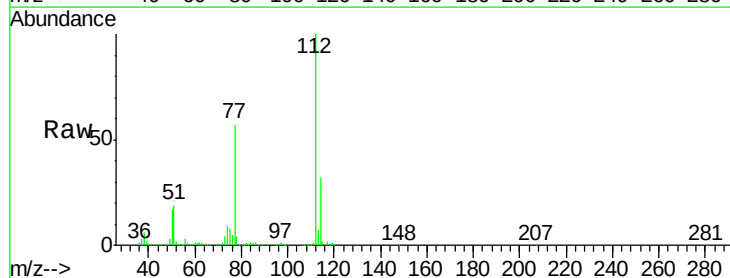
Acq: 11 Jul 2018 11:37

Tgt Ion: 112 Resp: 5405239

Ion Ratio Lower Upper

112 100

114 32.0 26.2 39.2



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

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

3000000

2000000

1000000

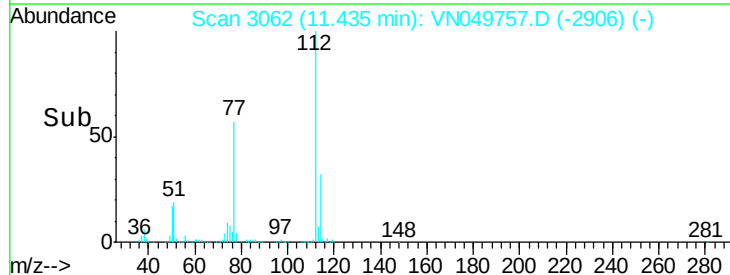
0

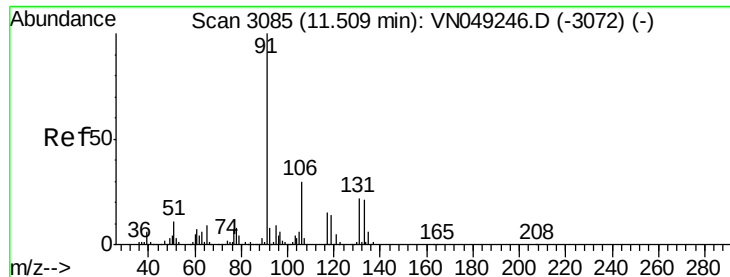
11.40

11.44

11.50

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 116.153 ug/l

RT: 11.51 min Scan# 3086

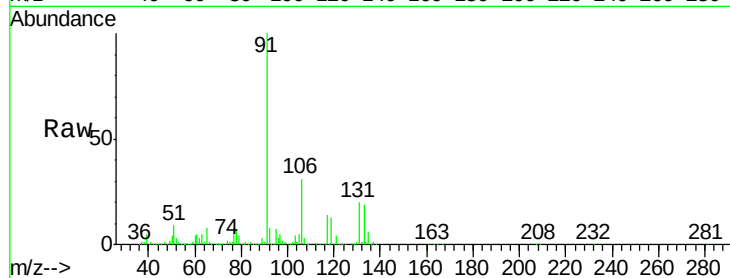
Delta R.T. 0.00 min

Lab File: VN049757.D

Acq: 11 Jul 2018 11:37

Tgt Ion:131 Resp: 2026093

Ion	Ratio	Lower	Upper
131	100		
133	95.0	0.0	190.0
119	65.5	0.0	131.6

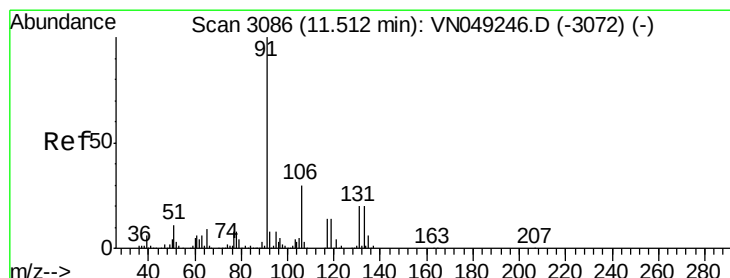
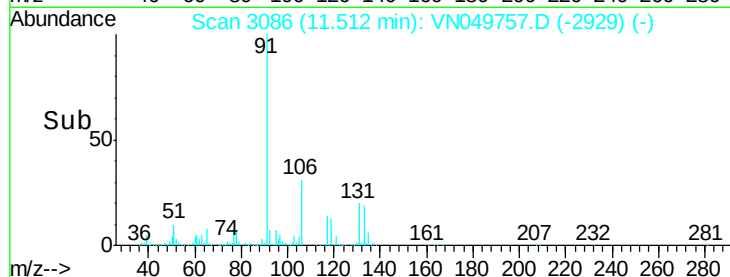
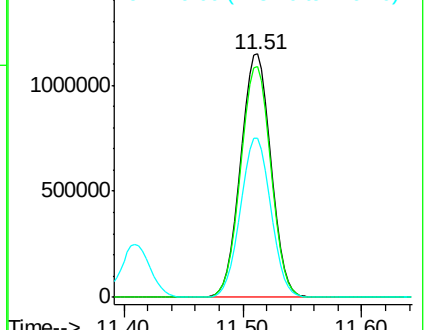


Abundance

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: 117.792 ug/l

RT: 11.51 min Scan# 3086

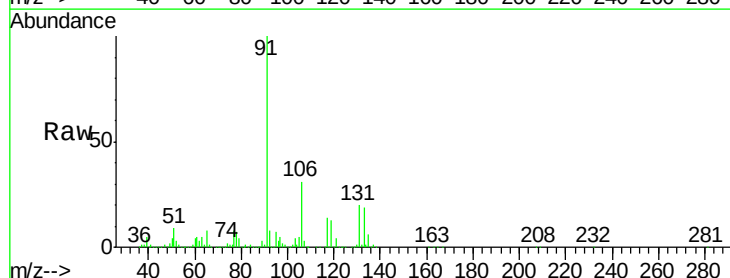
Delta R.T. 0.00 min

Lab File: VN049757.D

Acq: 11 Jul 2018 11:37

Tgt Ion: 91 Resp: 9598246

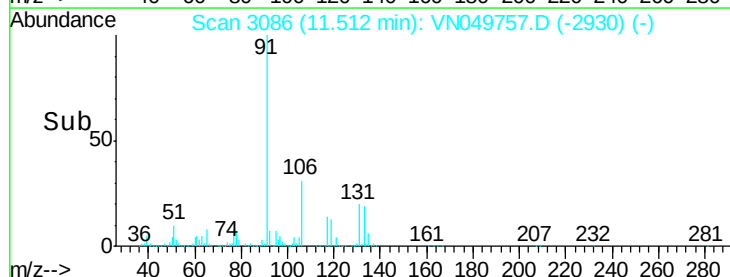
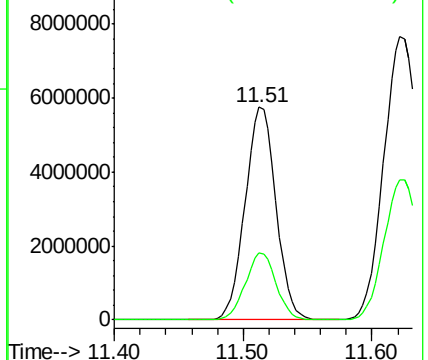
Ion	Ratio	Lower	Upper
91	100		
106	31.3	25.1	37.7

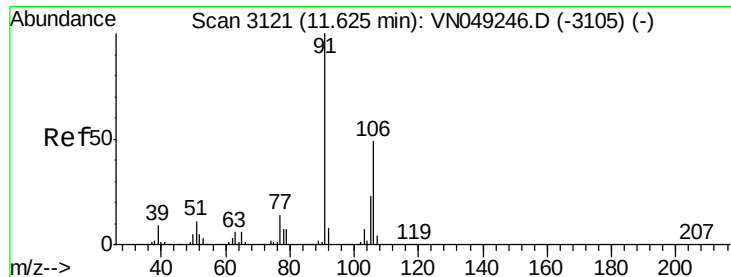


Abundance

Ion 91.00 (90.70 to 91.70): VN0

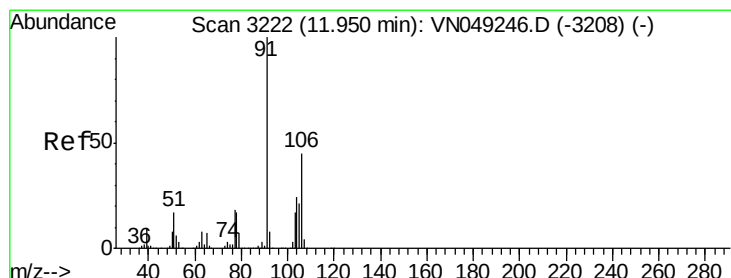
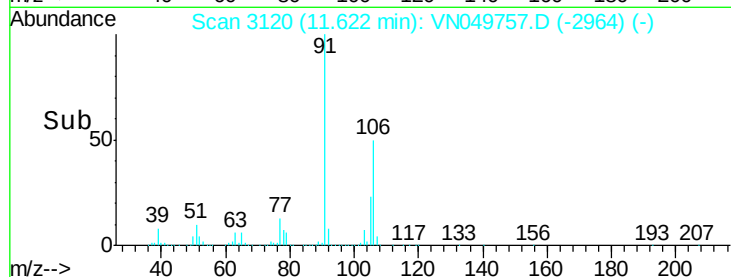
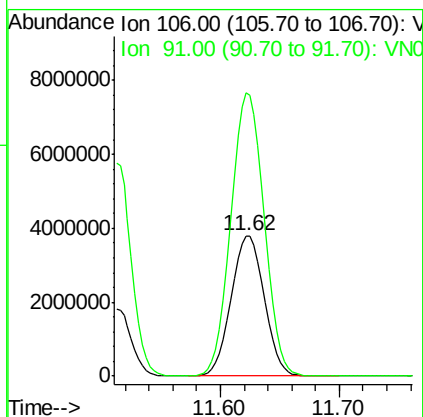
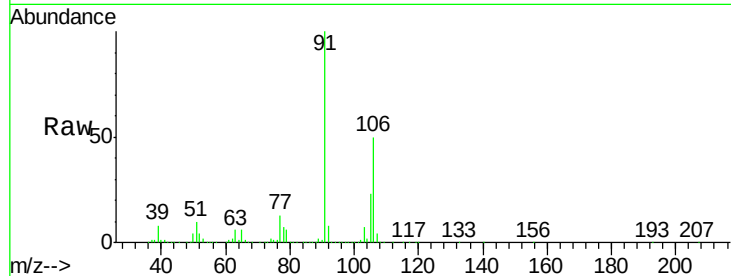
Ion 106.00 (105.70 to 106.70): V





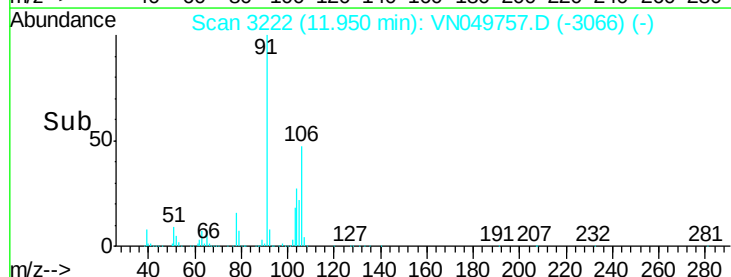
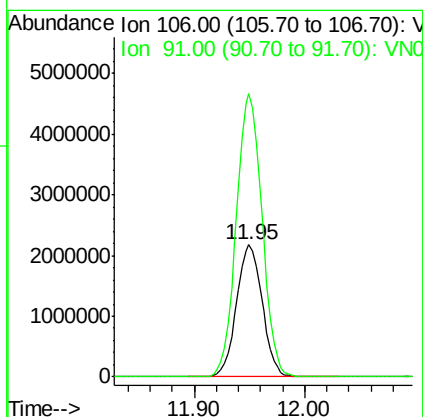
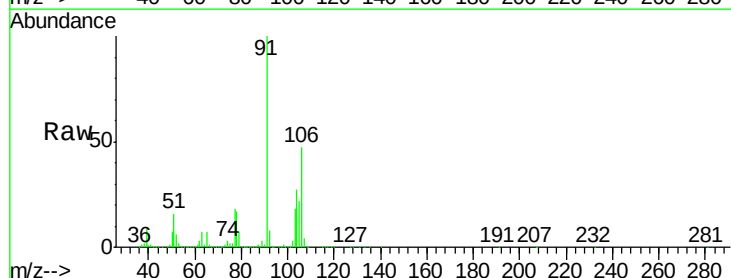
#67
m/p-Xylenes
Concen: 239.800 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. 0.00 min
Lab File: VN049757.D
Acq: 11 Jul 2018 11:37

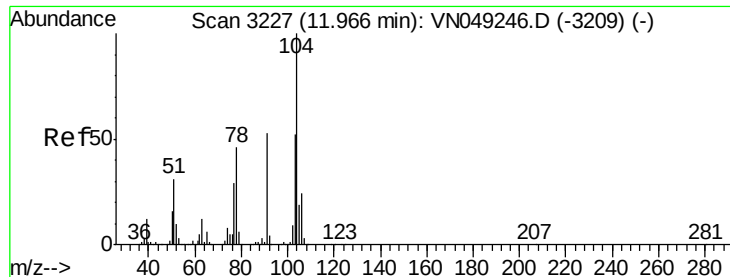
Tgt Ion:106 Resp: 7319005
Ion Ratio Lower Upper
106 100
91 202.1 162.5 243.7



#68
o-Xylene
Concen: 118.763 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049757.D
Acq: 11 Jul 2018 11:37

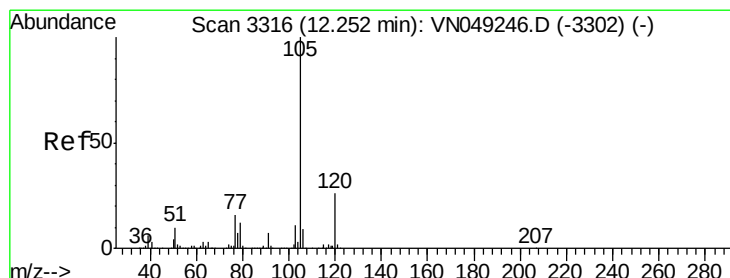
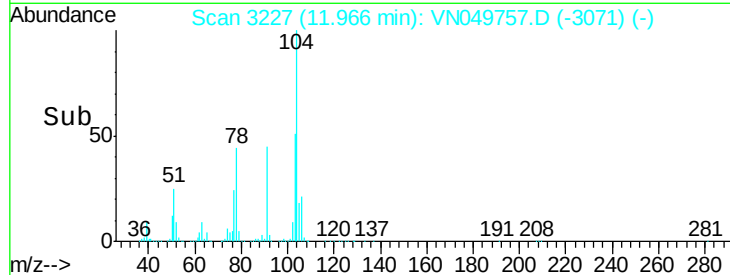
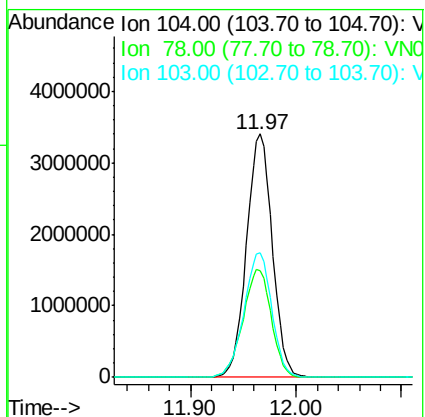
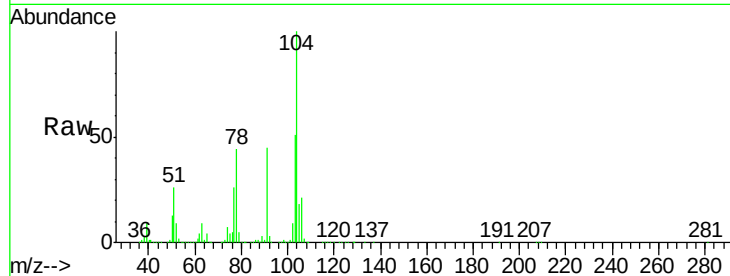
Tgt Ion:106 Resp: 3513231
Ion Ratio Lower Upper
106 100
91 214.7 106.8 320.4





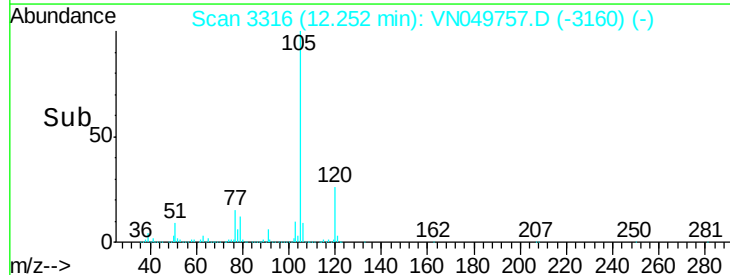
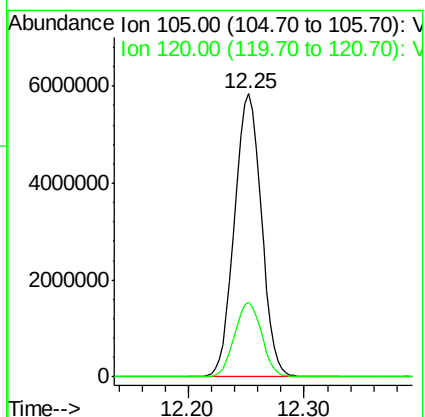
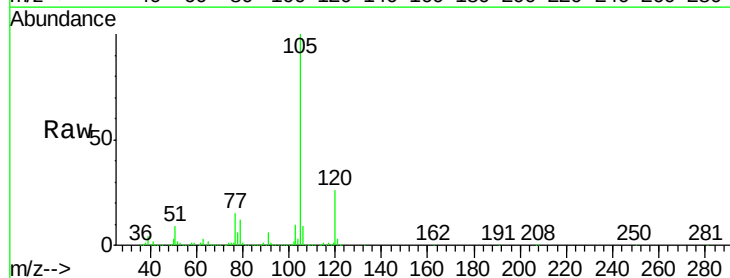
#69
 Styrene
 Concen: 122.634 ug/l
 RT: 11.97 min Scan# 3227
 Delta R.T. 0.00 min
 Lab File: VN049757.D
 Acq: 11 Jul 2018 11:37

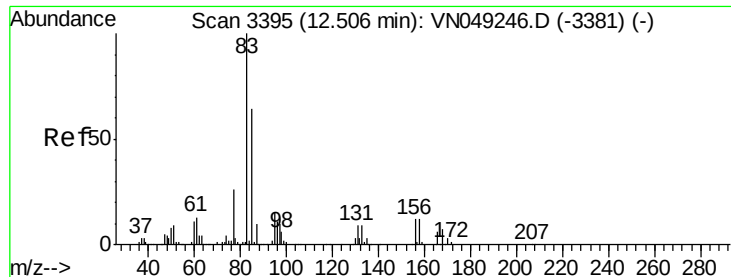
Tgt Ion:104 Resp: 5782525
 Ion Ratio Lower Upper
 104 100
 78 48.9 39.3 58.9
 103 55.3 44.5 66.7



#70
 Isopropylbenzene
 Concen: 119.728 ug/l
 RT: 12.25 min Scan# 3316
 Delta R.T. 0.00 min
 Lab File: VN049757.D
 Acq: 11 Jul 2018 11:37

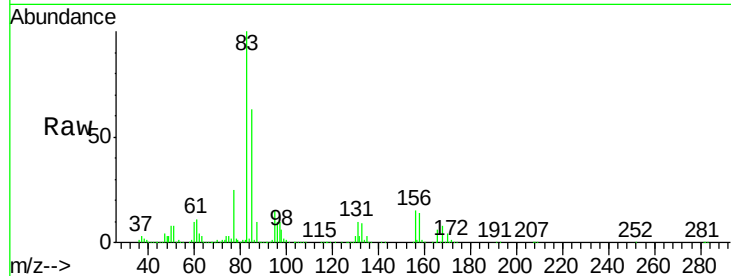
Tgt Ion:105 Resp: 9383314
 Ion Ratio Lower Upper
 105 100
 120 26.5 18.9 35.1



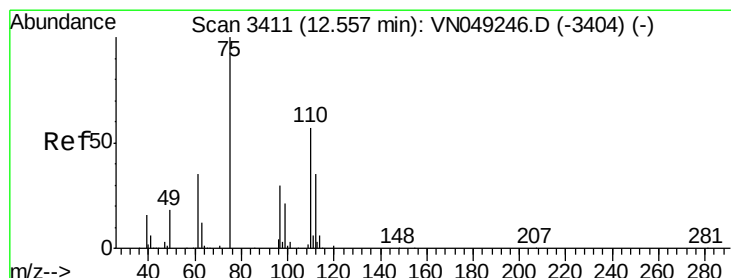
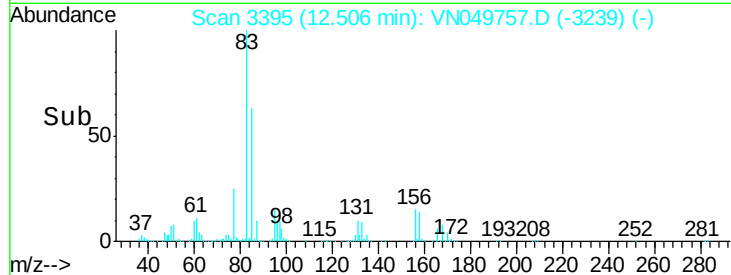
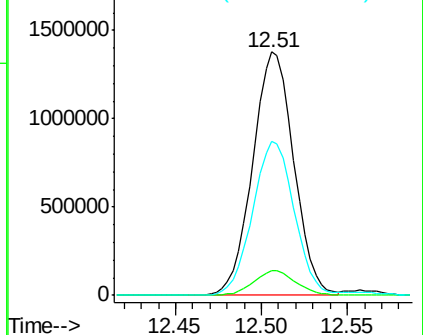


#71
 1,1,2,2-Tetrachloroethane
 Concen: 118.913 ug/l
 RT: 12.51 min Scan# 3395
 Delta R.T. 0.00 min
 Lab File: VN049757.D
 Acq: 11 Jul 2018 11:37

Tgt Ion: 83 Resp: 2287014
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.2 15.6
 85 63.8 31.7 95.1

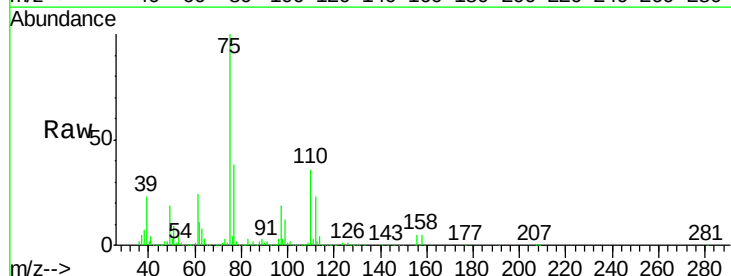


Abundance Ion 83.00 (82.70 to 83.70): VN0
 Ion 131.00 (130.70 to 131.70): V
 Ion 85.00 (84.70 to 85.70): VN0

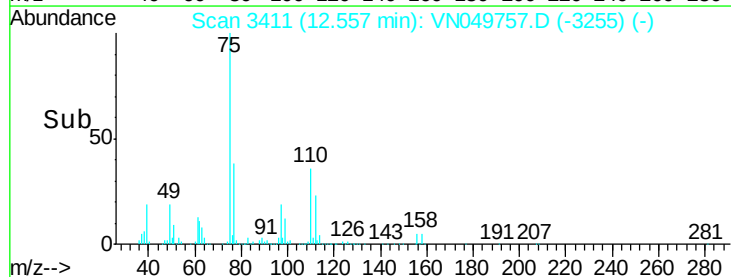
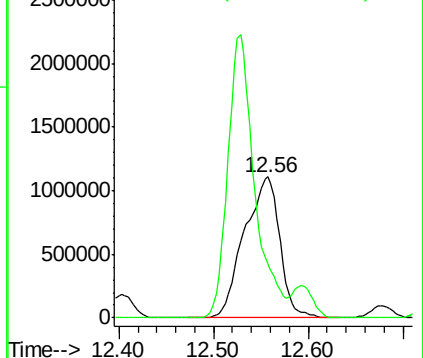


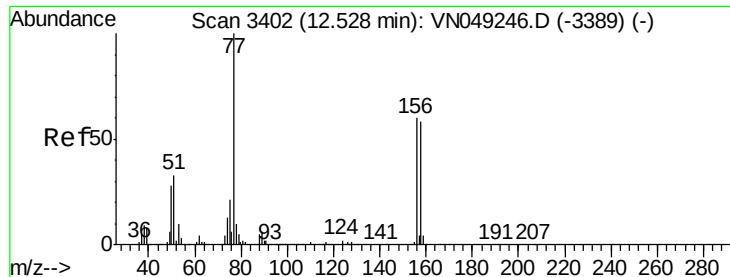
#72
 1,2,3-Trichloropropane
 Concen: 185.428 ug/l
 RT: 12.56 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN049757.D
 Acq: 11 Jul 2018 11:37

Tgt Ion: 75 Resp: 2886492
 Ion Ratio Lower Upper
 75 100
 77 151.9 0.0 454.4



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





#73

Bromobenzene

Concen: 126.775 ug/l

RT: 12.53 min Scan# 3402

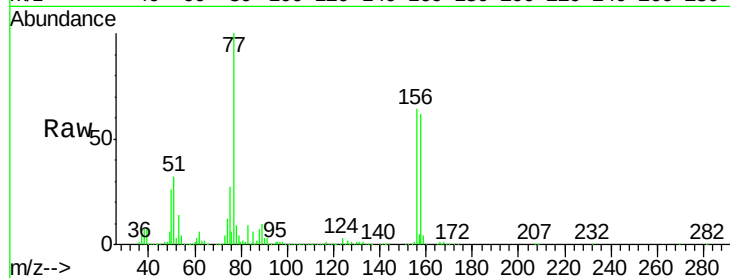
Delta R.T. 0.00 min

Lab File: VN049757.D

Acq: 11 Jul 2018 11:37

Tgt Ion:156 Resp: 2416993

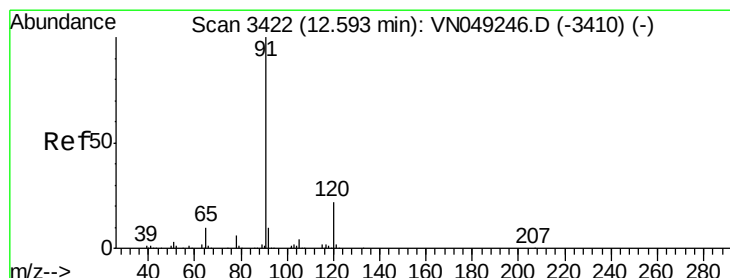
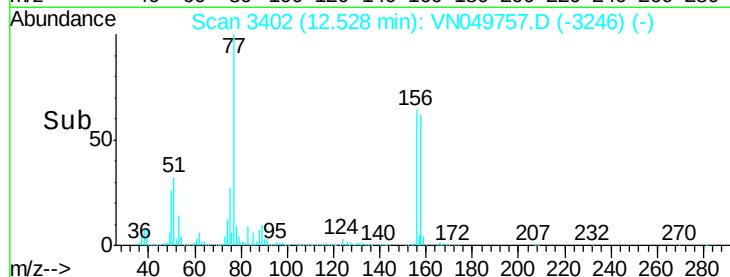
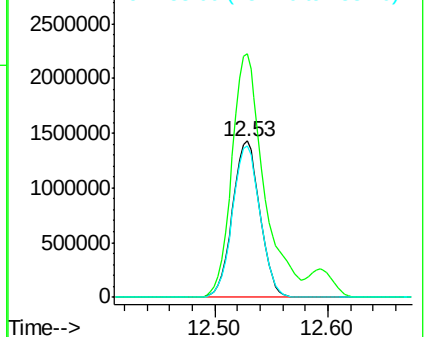
Ion	Ratio	Lower	Upper
156	100		
77	181.4	0.0	359.8
158	97.3	0.0	192.8



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: 119.897 ug/l

RT: 12.59 min Scan# 3422

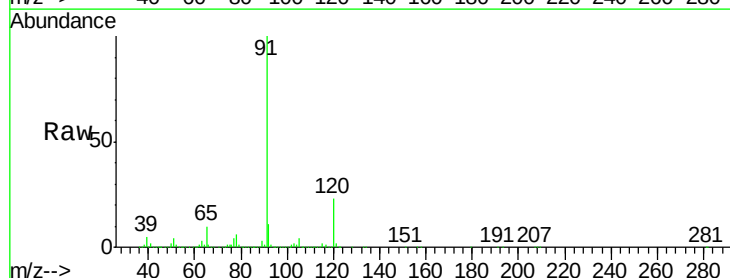
Delta R.T. 0.00 min

Lab File: VN049757.D

Acq: 11 Jul 2018 11:37

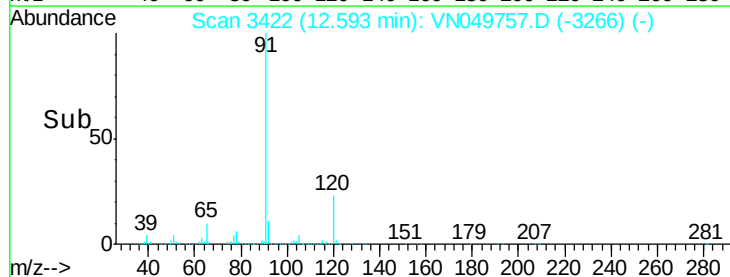
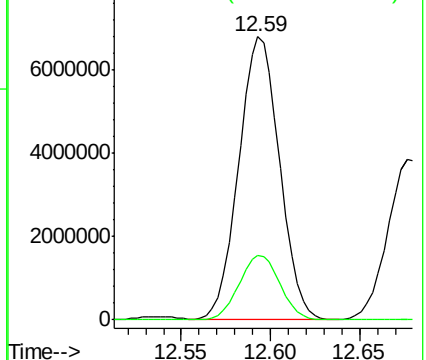
Tgt Ion: 91 Resp:10880689

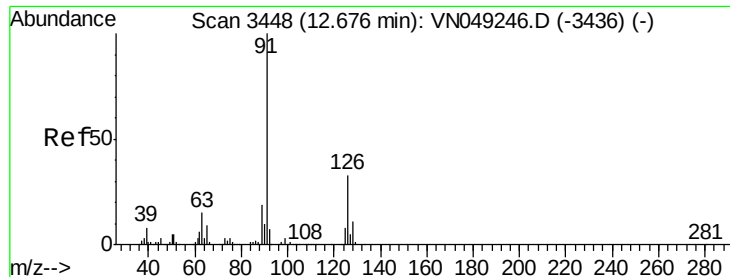
Ion	Ratio	Lower	Upper
91	100		
120	22.9	0.0	46.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 114.741 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049757.D

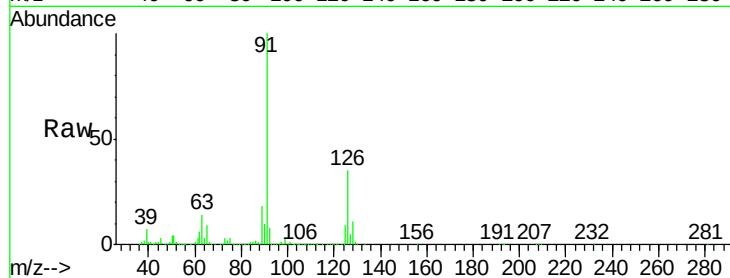
Acq: 11 Jul 2018 11:37

Tgt Ion: 91 Resp: 6339809

Ion Ratio Lower Upper

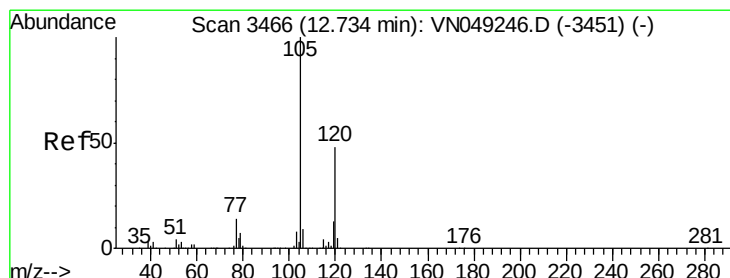
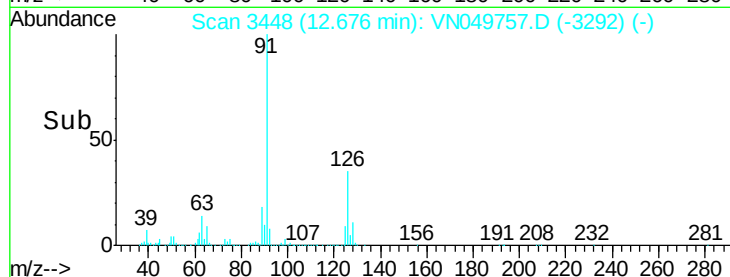
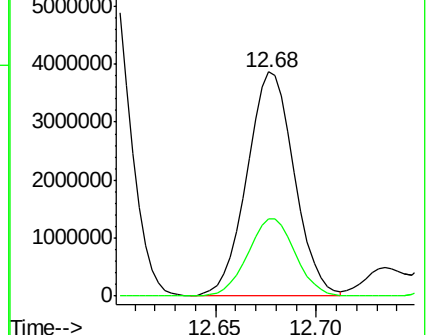
91 100

126 34.8 0.0 68.6



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

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



#76

1,3,5-Trimethylbenzene

Concen: 119.003 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049757.D

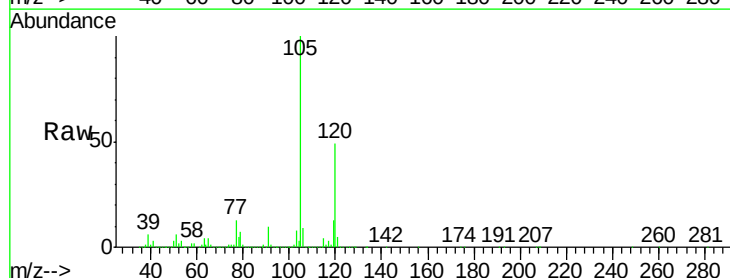
Acq: 11 Jul 2018 11:37

Tgt Ion: 105 Resp: 7575415

Ion Ratio Lower Upper

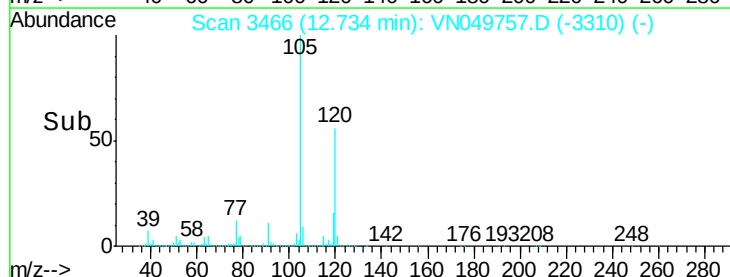
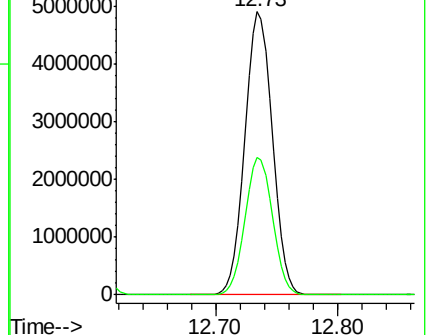
105 100

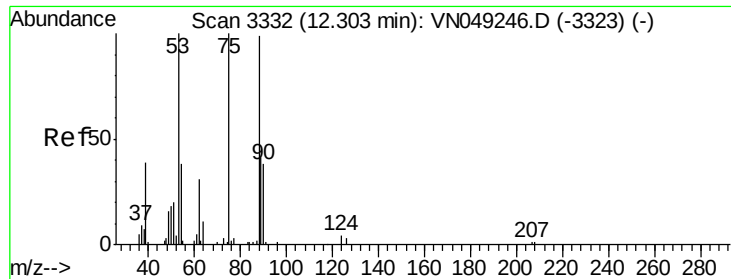
120 48.7 0.0 98.0



Abundance Ion 105.00 (104.70 to 105.70): VN049246.D (-3451) (-)

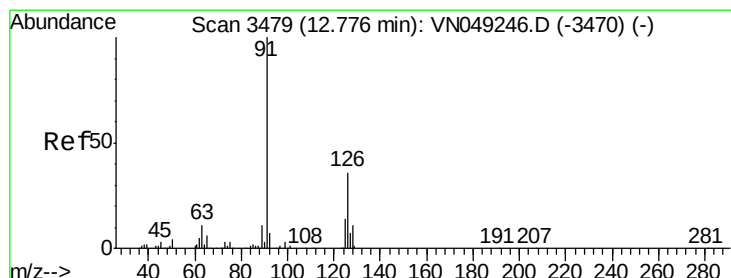
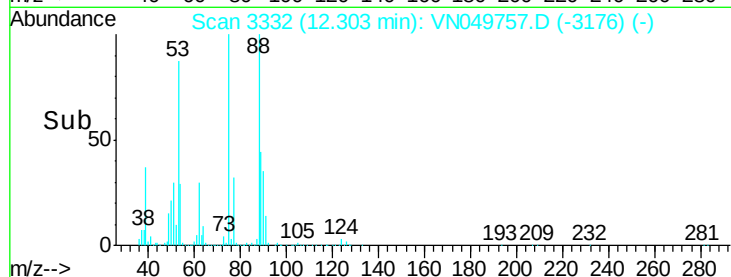
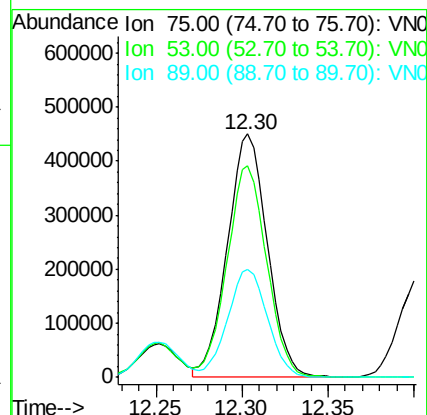
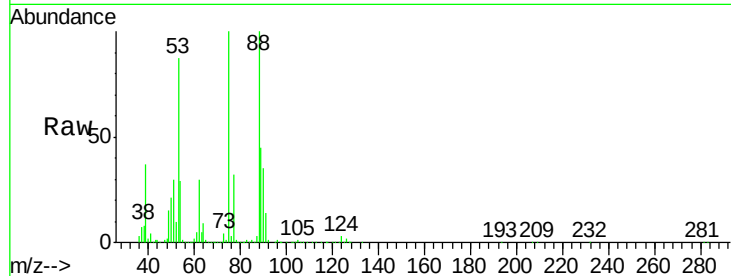
Ion 120.00 (119.70 to 120.70): VN049246.D (-3451) (-)





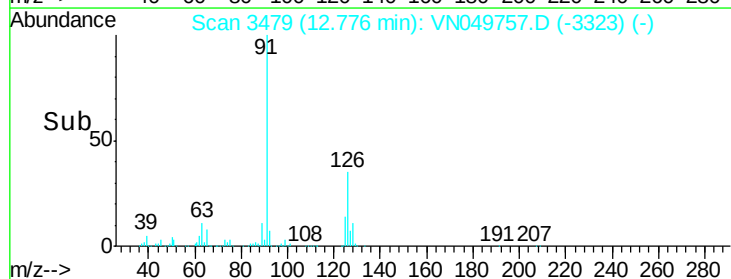
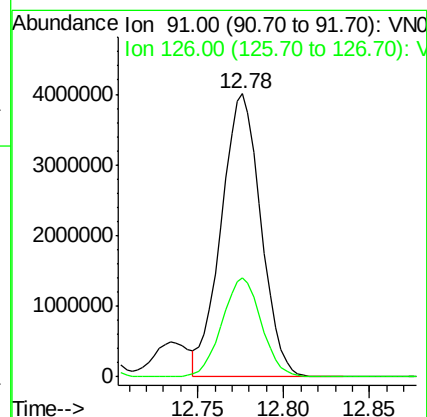
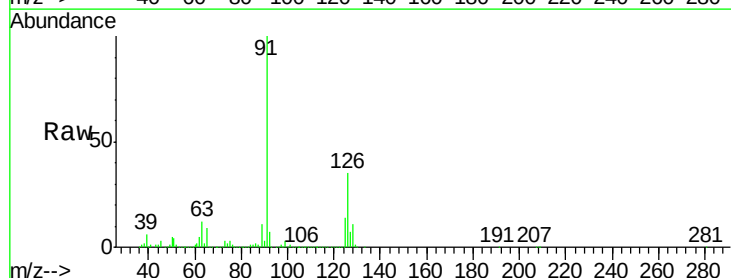
#77
t-1,4-Dichloro-2-butene
Concen: 144.642 ug/l
RT: 12.30 min Scan# 3332
Delta R.T. 0.00 min
Lab File: VN049757.D
Acq: 11 Jul 2018 11:37

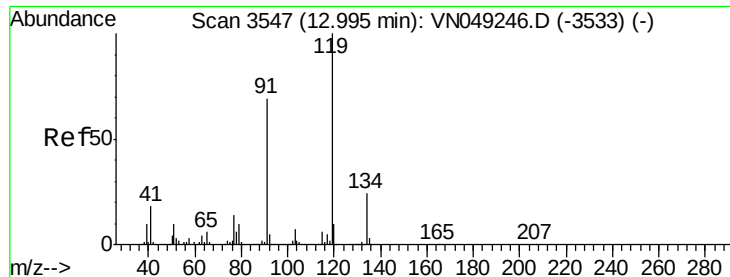
Tgt Ion	Ratio	Lower	Upper
75	100		
53	86.8	44.6	134.0
89	44.5	20.7	62.1



#78
4-Chlorotoluene
Concen: 119.783 ug/l
RT: 12.78 min Scan# 3479
Delta R.T. 0.00 min
Lab File: VN049757.D
Acq: 11 Jul 2018 11:37

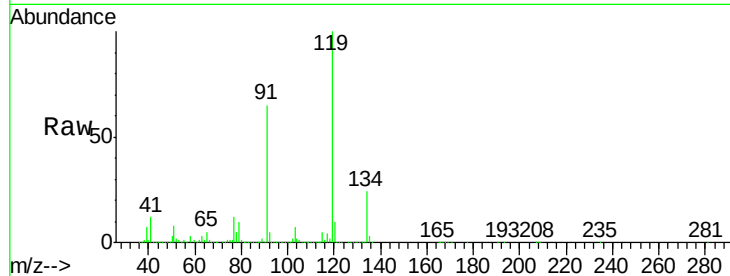
Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.6	0.0	68.4



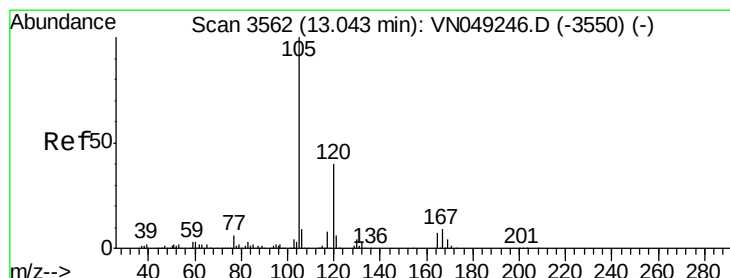
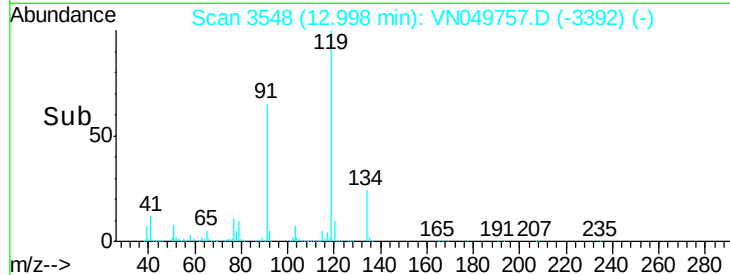
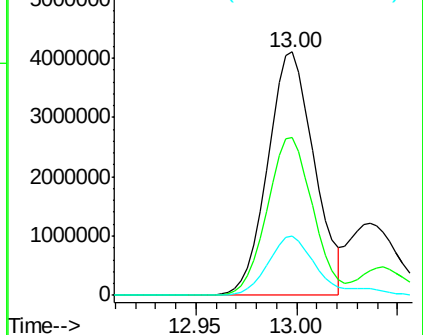


#79
 tert-butylbenzene
 Concen: 122.316 ug/l
 RT: 13.00 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN049757.D
 Acq: 11 Jul 2018 11:37

Tgt Ion:119 Resp: 6551475
 Ion Ratio Lower Upper
 119 100
 91 63.8 0.0 126.8
 134 24.4 0.0 47.4

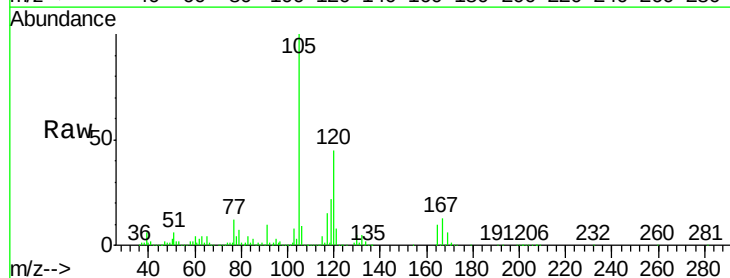


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

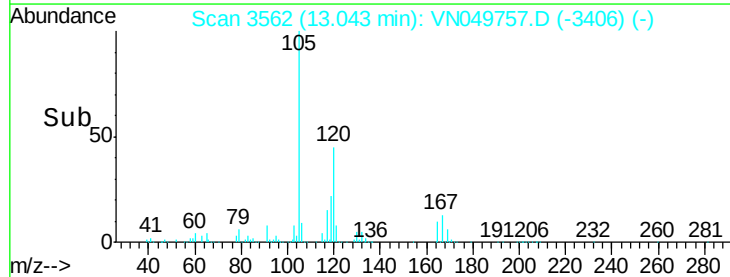
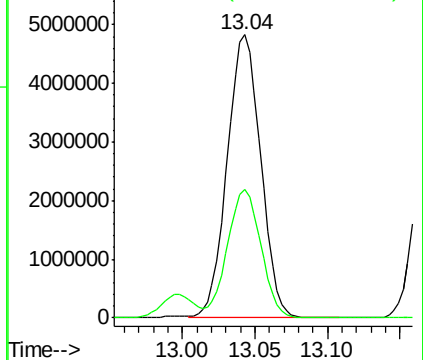


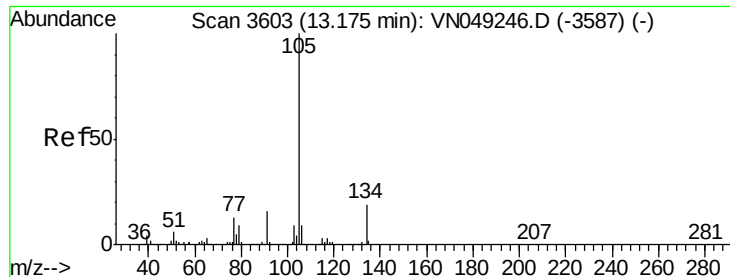
#80
 1,2,4-Trimethylbenzene
 Concen: 121.235 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN049757.D
 Acq: 11 Jul 2018 11:37

Tgt Ion:105 Resp: 7728892
 Ion Ratio Lower Upper
 105 100
 120 45.4 0.0 90.6



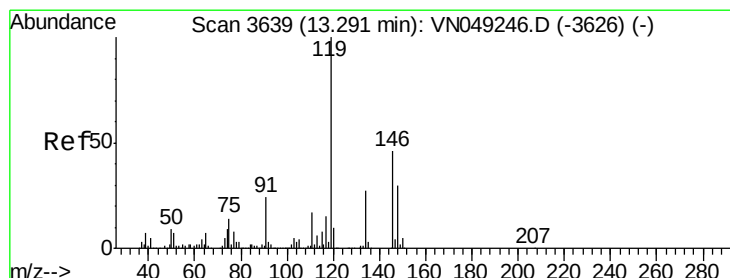
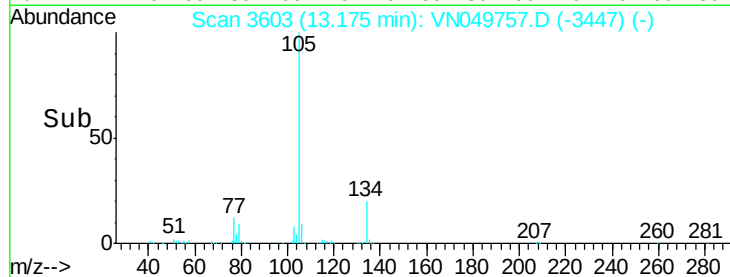
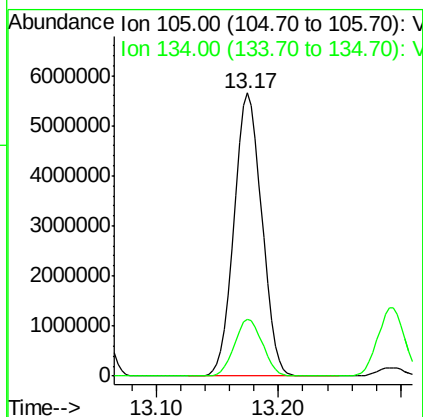
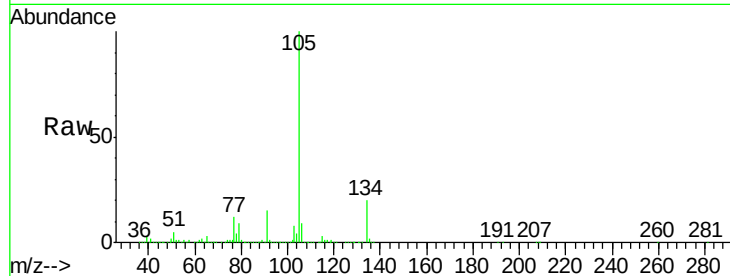
Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





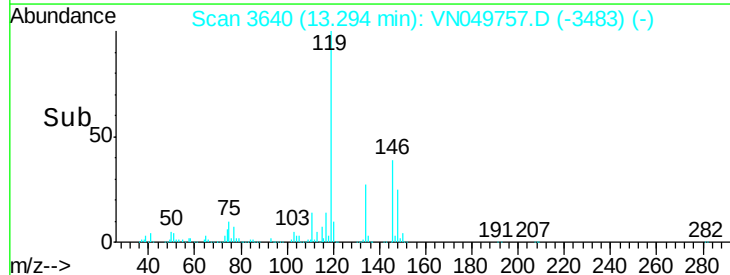
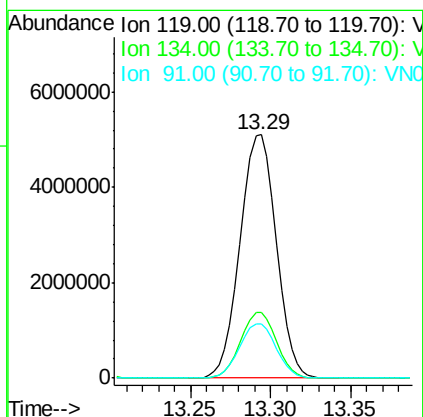
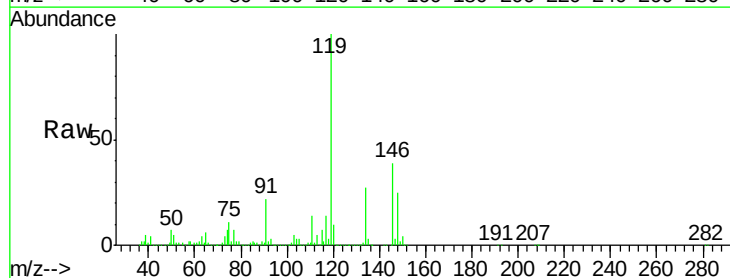
#81
 sec-Butylbenzene
 Concen: 122.257 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN049757.D
 Acq: 11 Jul 2018 11:37

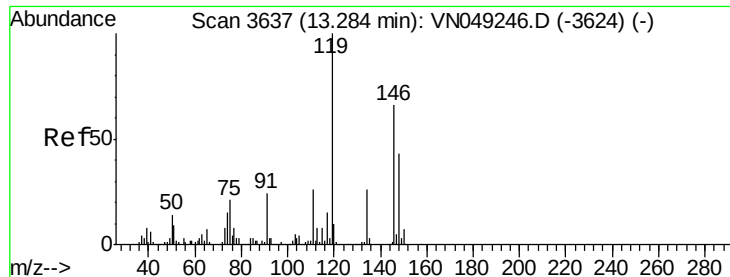
Tgt Ion:105 Resp: 8902296
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 40.6



#82
 p-Isopropyltoluene
 Concen: 129.224 ug/l
 RT: 13.29 min Scan# 3640
 Delta R.T. 0.00 min
 Lab File: VN049757.D
 Acq: 11 Jul 2018 11:37

Tgt Ion:119 Resp: 7859040
 Ion Ratio Lower Upper
 119 100
 134 26.5 0.0 52.2
 91 22.5 0.0 45.6

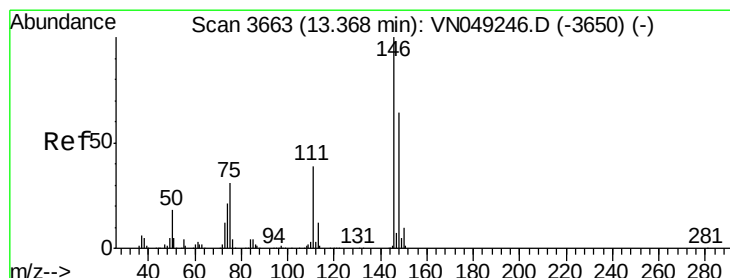
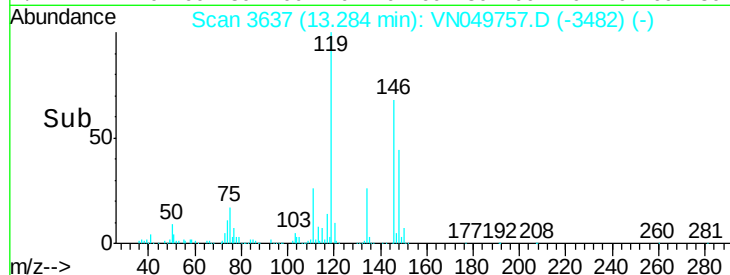
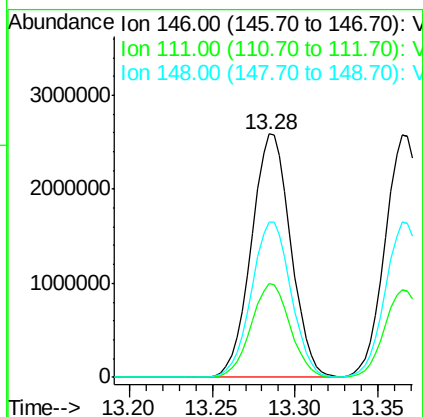
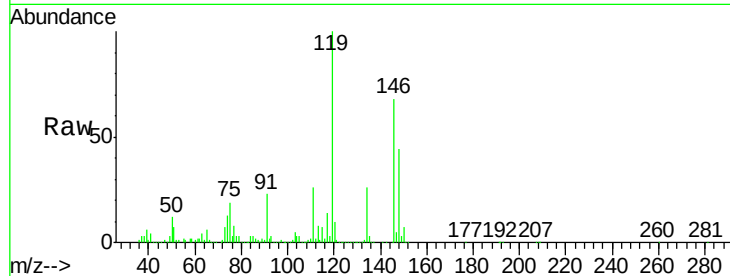




#83
 1,3-Dichlorobenzene
 Concen: 132.273 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. -0.00 min
 Lab File: VN049757.D
 Acq: 11 Jul 2018 11:37

Tgt Ion:146 Resp: 4281913

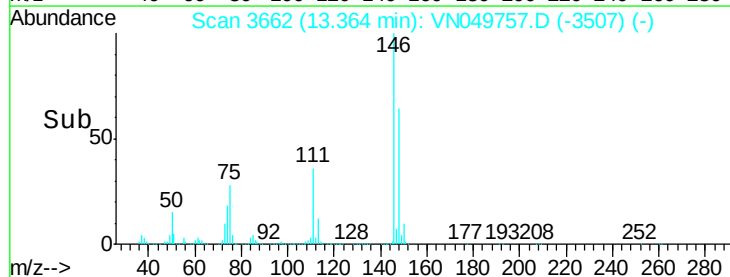
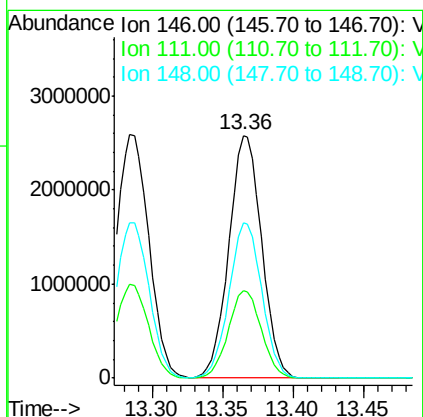
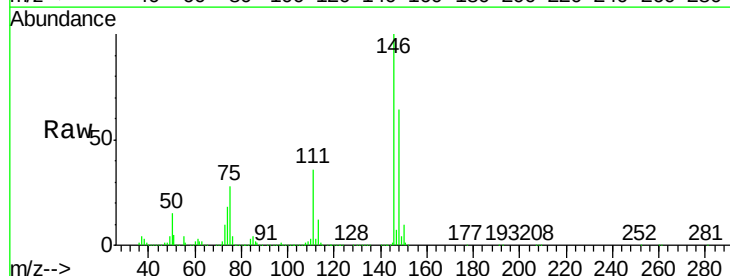
Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.1
148	64.2	31.9	95.9

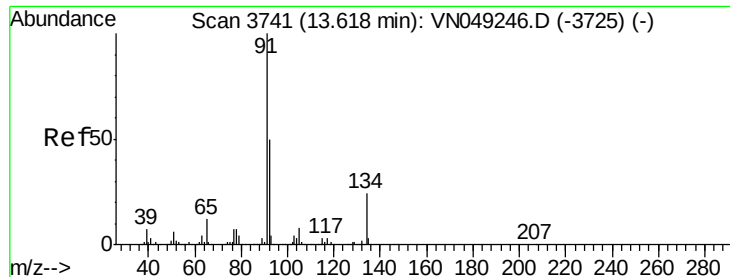


#84
 1,4-Dichlorobenzene
 Concen: 137.565 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. -0.00 min
 Lab File: VN049757.D
 Acq: 11 Jul 2018 11:37

Tgt Ion:146 Resp: 4200386

Ion	Ratio	Lower	Upper
146	100		
111	36.2	17.9	53.8
148	64.0	32.4	97.0





#85

n-Butylbenzene

Concen: 138.298 ug/l

RT: 13.62 min Scan# 3741

Delta R.T. 0.00 min

Lab File: VN049757.D

Acq: 11 Jul 2018 11:37

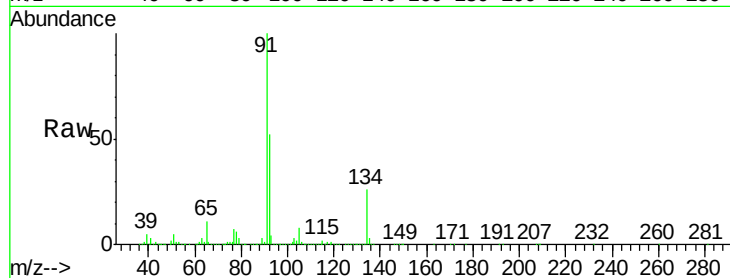
Tgt Ion: 91 Resp: 6707004

Ion Ratio Lower Upper

91 100

92 52.4 0.0 102.8

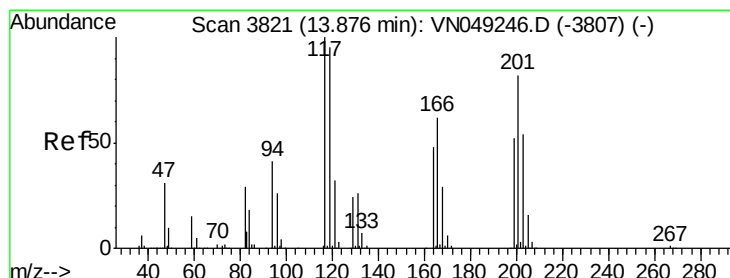
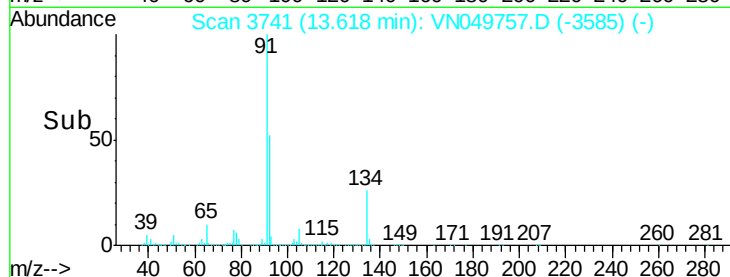
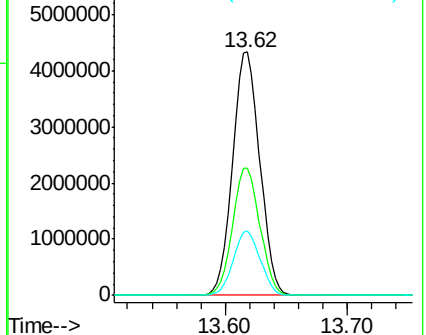
134 26.2 0.0 51.0



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: 114.752 ug/l

RT: 13.88 min Scan# 3822

Delta R.T. 0.00 min

Lab File: VN049757.D

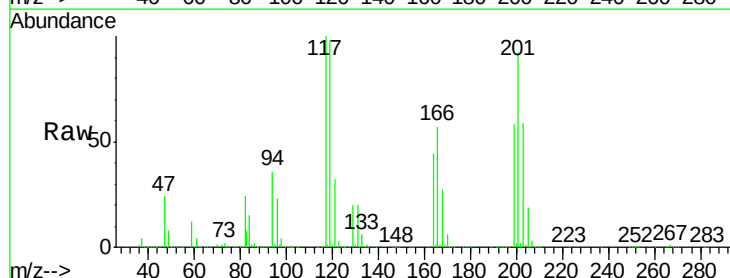
Acq: 11 Jul 2018 11:37

Tgt Ion: 117 Resp: 1424401

Ion Ratio Lower Upper

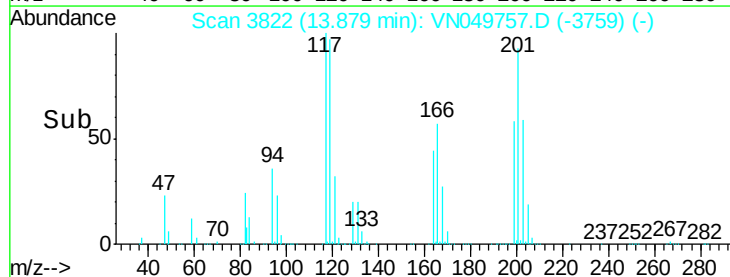
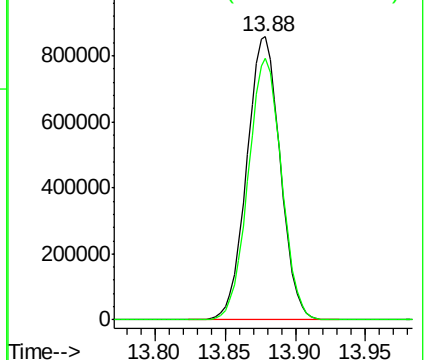
117 100

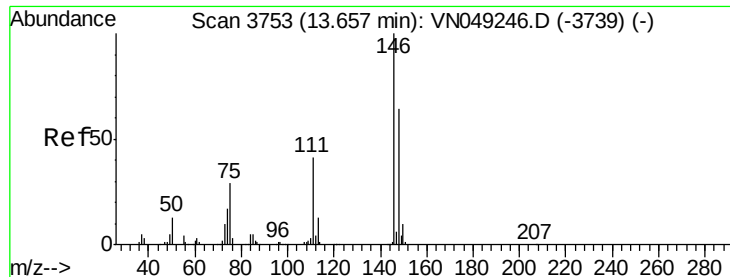
201 92.0 46.6 139.7



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

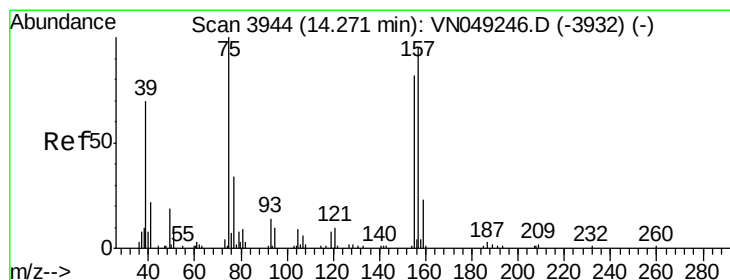
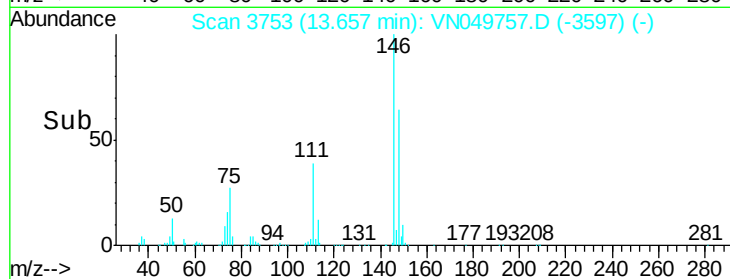
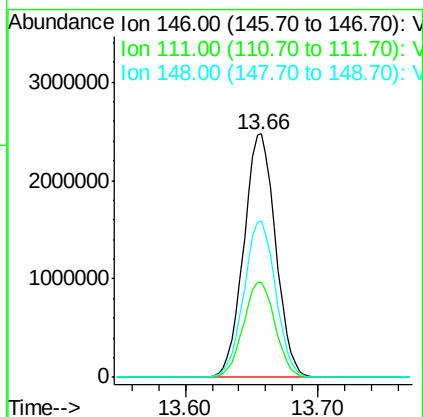
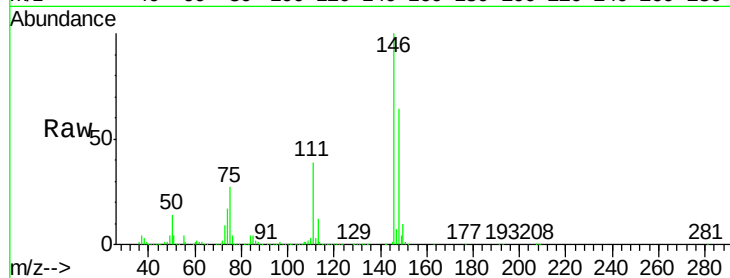
Ion 201.00 (200.70 to 201.70): VN049246.D (-3807) (-)





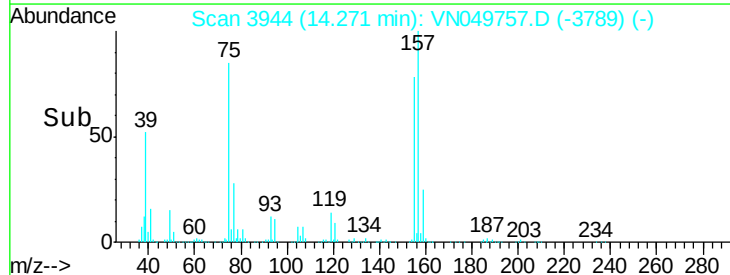
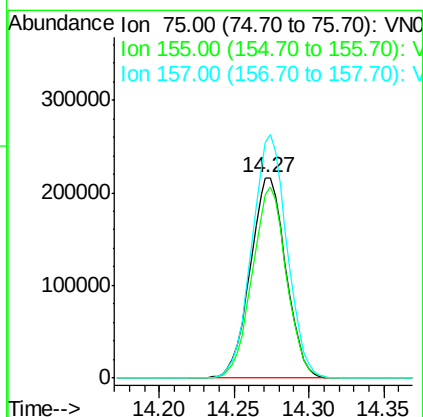
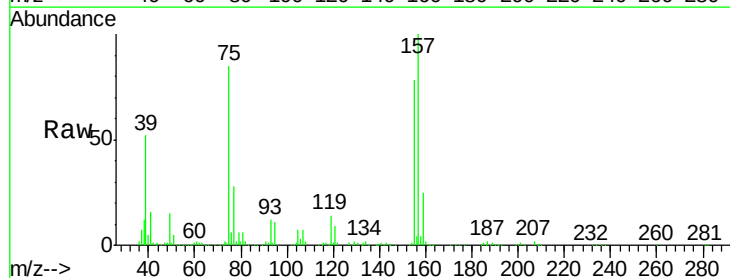
#87
 1,2-Dichlorobenzene
 Concen: 131.046 ug/l
 RT: 13.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VN049757.D
 Acq: 11 Jul 2018 11:37

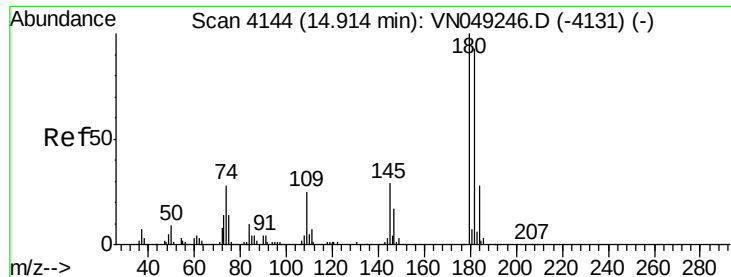
Tgt Ion:146 Resp: 4109794
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.8 59.3
 148 64.2 31.8 95.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 128.496 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. -0.00 min
 Lab File: VN049757.D
 Acq: 11 Jul 2018 11:37

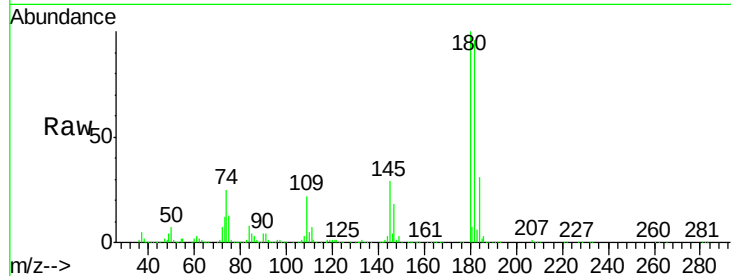
Tgt Ion: 75 Resp: 358351
 Ion Ratio Lower Upper
 75 100
 155 91.7 73.0 109.6
 157 119.5 94.9 142.3



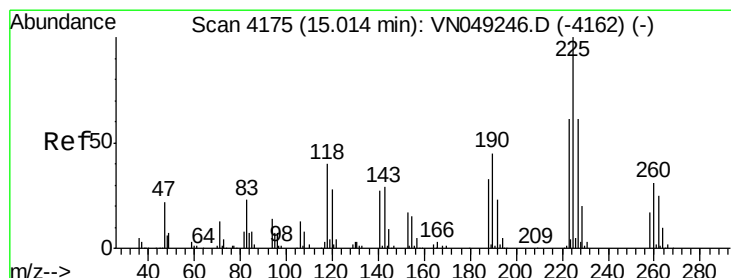
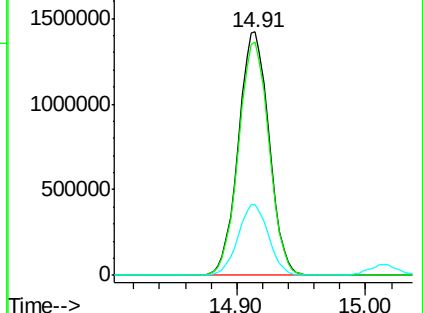
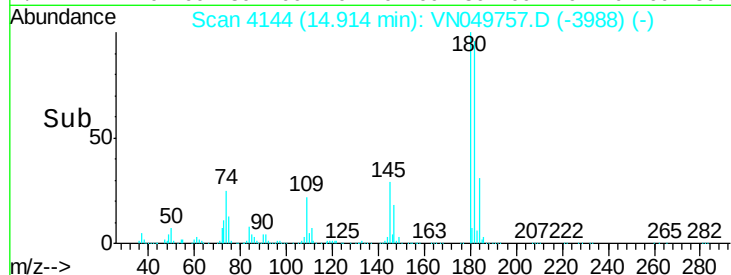


#89
 1,2,4-Trichlorobenzene
 Concen: 176.103 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN049757.D
 Acq: 11 Jul 2018 11:37

Tgt Ion:180 Resp: 2346275
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.7 115.1
 145 28.9 23.4 35.0

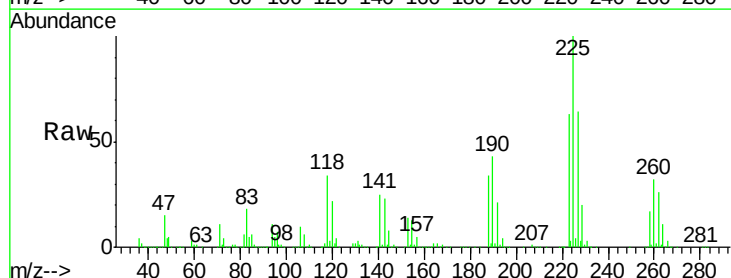


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

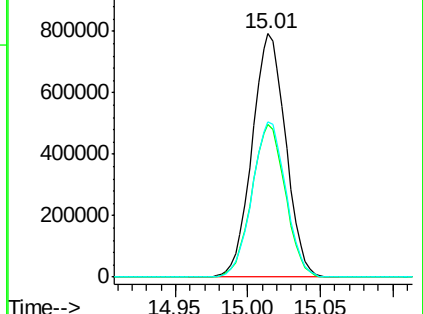
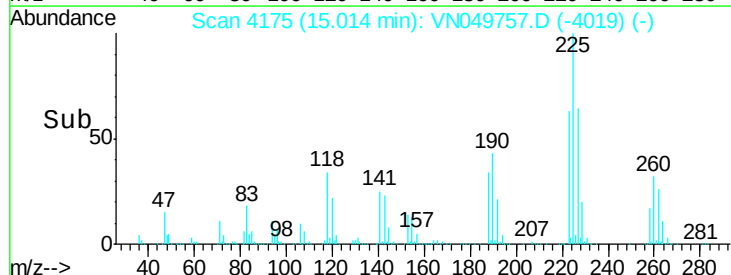


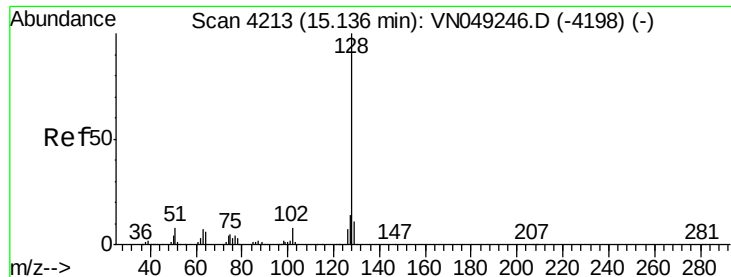
#90
 Hexachlorobutadiene
 Concen: 139.687 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049757.D
 Acq: 11 Jul 2018 11:37

Tgt Ion:225 Resp: 1280008
 Ion Ratio Lower Upper
 225 100
 223 62.5 0.0 124.4
 227 63.9 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

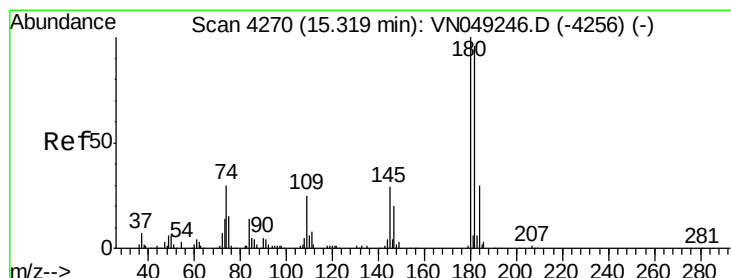
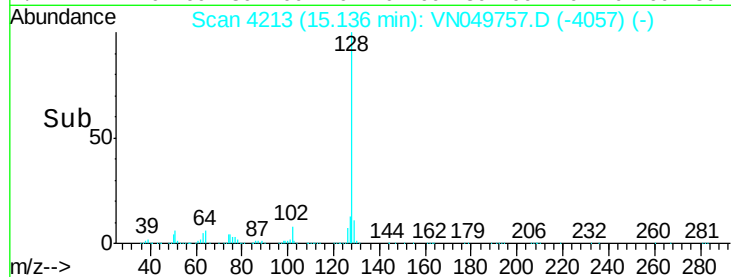
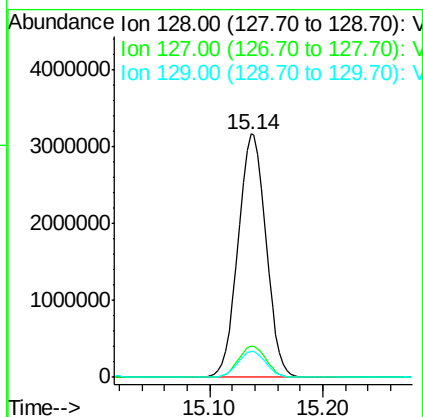
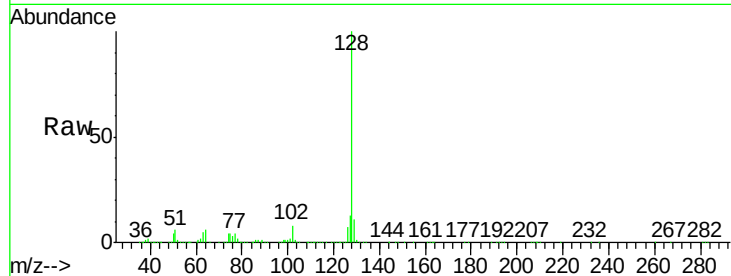




#91
Naphthalene
Concen: 187.350 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049757.D
Acq: 11 Jul 2018 11:37

Tgt Ion:128 Resp: 5442263

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.8	9.0	13.4



#92
1,2,3-Trichlorobenzene
Concen: 163.312 ug/l
RT: 15.32 min Scan# 4270
Delta R.T. 0.00 min
Lab File: VN049757.D
Acq: 11 Jul 2018 11:37

Tgt Ion:180 Resp: 2245454

Ion	Ratio	Lower	Upper
180	100		
182	96.0	0.0	188.8
145	30.8	0.0	60.8

