

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071118\
 Data File : VN049756.D
 Acq On : 11 Jul 2018 11:11
 Operator : MD\SY
 Sample : VSTDIC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 12 01:44:45 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	264483	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	1419066	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	1272372	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	527280	27.41	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	91.37%
60) 4-Bromofluorobenzene	12.40	95	600418	30.05	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.17%
63) Toluene-d8	10.09	98	1782849	29.21	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.37%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.85	85	1046162	62.66	ug/l	98
3) Chloromethane	2.06	50	1033925	61.27	ug/l	100
4) Vinyl Chloride	2.18	62	1094713	63.54	ug/l	97
5) Bromomethane	2.56	94	610896	65.88	ug/l	99
6) Chloroethane	2.70	64	626021	57.22	ug/l	99
7) Trichlorofluoromethane	3.01	101	1375325	57.74	ug/l	99
8) Diethyl Ether	3.41	74	465759	50.37	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	819121	51.51	ug/l	99
10) 1,1-Dichloroethene	3.73	96	757499	51.22	ug/l	96
11) Methyl Iodide	3.95	142	1194965	68.79	ug/l	100
12) Methyl Acetate	4.33	43	745297	50.02	ug/l	99
13) Acrolein	3.61	56	372105	251.92	ug/l	96
14) Acrylonitrile	5.00	53	1349007	240.87	ug/l	99
15) Acetone	3.82	58	335348	266.24	ug/l	99
16) Carbon Disulfide	4.05	76	2343723	49.49	ug/l	100
17) Allyl chloride	4.32	41	1215481	45.86	ug/l	99
18) Methylene Chloride	4.55	84	874458	50.05	ug/l	99
19) trans-1,2-Dichloroethene	5.04	96	805745	51.43	ug/l	99
20) Diisopropyl ether	5.96	45	2473749	45.28	ug/l	98
21) 1,1-Dichloroethane	5.85	63	1487978	46.88	ug/l	99
22) cis-1,2-Dichloroethene	6.83	96	894264	50.39	ug/l	99
23) tert-Butyl Alcohol	4.80	59	281284	266.99	ug/l	# 100
24) Methyl tert-Butyl Ether	5.05	73	2075791	51.13	ug/l	100
25) Chloroform	7.37	83	1502274	48.49	ug/l	99
26) Cyclohexane	7.65	56	1293326	47.73	ug/l	# 98
29) 1,1-Dichloropropene	7.79	75	1157899	50.05	ug/l	99
30) 2-Butanone	6.84	43	1618929	256.27	ug/l	99
31) 2,2-Dichloropropane	6.83	77	1208796	54.69	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	1304608	49.98	ug/l	100
33) Carbon Tetrachloride	7.77	117	1162381	50.73	ug/l	99
34) Benzene	8.04	78	3426675	48.84	ug/l	# 93
35) Methacrylonitrile	7.18	41	402042	50.78	ug/l	96
36) 1,2-Dichloroethane	8.13	62	1094148	48.78	ug/l	99
37) Trichloroethene	8.84	130	893089	51.92	ug/l	97
38) Methylcyclohexane	9.08	83	1239020	51.78	ug/l	98
39) 1,2-Dichloropropane	9.12	63	897071	47.02	ug/l	99
40) Dibromomethane	9.21	93	539607	50.52	ug/l	99

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 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)
41) Bromodichloromethane	9.41	83	1145017	48.54	ug/l	99
42) Vinyl Acetate	5.90	43	8689730	237.65	ug/l	100
43) Ethyl Acetate	6.94	43	715425	50.12	ug/l	92
44) Isopropyl Acetate	8.17	43	1282674	47.05	ug/l	99
45) 1,4-Dioxane	9.20	88	170020	1095.67	ug/l	98
46) Methyl methacrylate	9.20	41	664944	51.54	ug/l	99
47) n-amyl Acetate	12.07	43	1117784	51.56	ug/l	99
48) t-1,3-Dichloropropene	10.38	75	1177804	51.12	ug/l	99
49) cis-1,3-Dichloropropene	9.84	75	1349737	50.37	ug/l	99
50) 1,1,2-Trichloroethane	10.56	97	762282	49.96	ug/l	99
51) Ethyl methacrylate	10.43	69	993270	52.37	ug/l	99
52) 1,3-Dichloropropane	10.71	76	1287003	49.65	ug/l	99
53) Dibromochloromethane	10.90	129	884608	52.14	ug/l	100
54) 1,2-Dibromoethane	11.01	107	757150	53.18	ug/l	100
55) 2-Chloroethyl vinyl ether	9.70	63	2527565	378.03	ug/l	100
56) Bromoform	12.13	173	617060	56.50	ug/l	99
58) 4-Methyl-2-Pentanone	9.99	43	3593686	250.08	ug/l	98
59) 2-Hexanone	10.75	43	2455883	270.02	ug/l	99
61) Tetrachloroethene	10.63	164	819782	49.29	ug/l	99
62) Toluene	10.16	91	3709862	50.31	ug/l	99
64) Chlorobenzene	11.44	112	2268022	52.06	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.51	131	857372	52.31	ug/l	99
66) Ethyl Benzene	11.51	91	3970134	51.85	ug/l	99
67) m/p-Xylenes	11.62	106	3061655	106.76	ug/l	100
68) o-Xylene	11.95	106	1463182	52.64	ug/l	100
69) Styrene	11.97	104	2371646	53.53	ug/l	100
70) Isopropylbenzene	12.25	105	3899431	52.95	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.51	83	969821	53.67	ug/l	99
72) 1,2,3-Trichloropropane	12.56	75	771075m	52.72	ug/l	
73) Bromobenzene	12.53	156	1005194	56.11	ug/l	99
74) n-propylbenzene	12.59	91	4517511	52.98	ug/l	100
75) 2-Chlorotoluene	12.68	91	2682050	51.66	ug/l	99
76) 1,3,5-Trimethylbenzene	12.73	105	3179167	53.15	ug/l	100
77) t-1,4-Dichloro-2-butene	12.30	75	280721	59.18	ug/l	97
78) 4-Chlorotoluene	12.78	91	2685945	53.12	ug/l	99
79) tert-butylbenzene	12.99	119	2739724	54.44	ug/l	99
80) 1,2,4-Trimethylbenzene	13.04	105	3251229	54.28	ug/l	100
81) sec-Butylbenzene	13.17	105	3679139	53.77	ug/l	100
82) p-Isopropyltoluene	13.29	119	3222227	56.39	ug/l	100
83) 1,3-Dichlorobenzene	13.28	146	1758952	57.83	ug/l	99
84) 1,4-Dichlorobenzene	13.36	146	1698454	59.20	ug/l	99
85) n-Butylbenzene	13.62	91	2647254	58.09	ug/l	99
86) Hexachloroethane	13.88	117	585680	50.22	ug/l	98
87) 1,2-Dichlorobenzene	13.66	146	1717549	58.29	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	14.27	75	145253	55.43	ug/l	99
89) 1,2,4-Trichlorobenzene	14.91	180	891208	71.19	ug/l	99
90) Hexachlorobutadiene	15.01	225	522552	60.69	ug/l	99
91) Naphthalene	15.14	128	1980623	72.56	ug/l	99
92) 1,2,3-Trichlorobenzene	15.32	180	879027	68.04	ug/l	100

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ALS Vial : 4 Sample Multiplier: 1

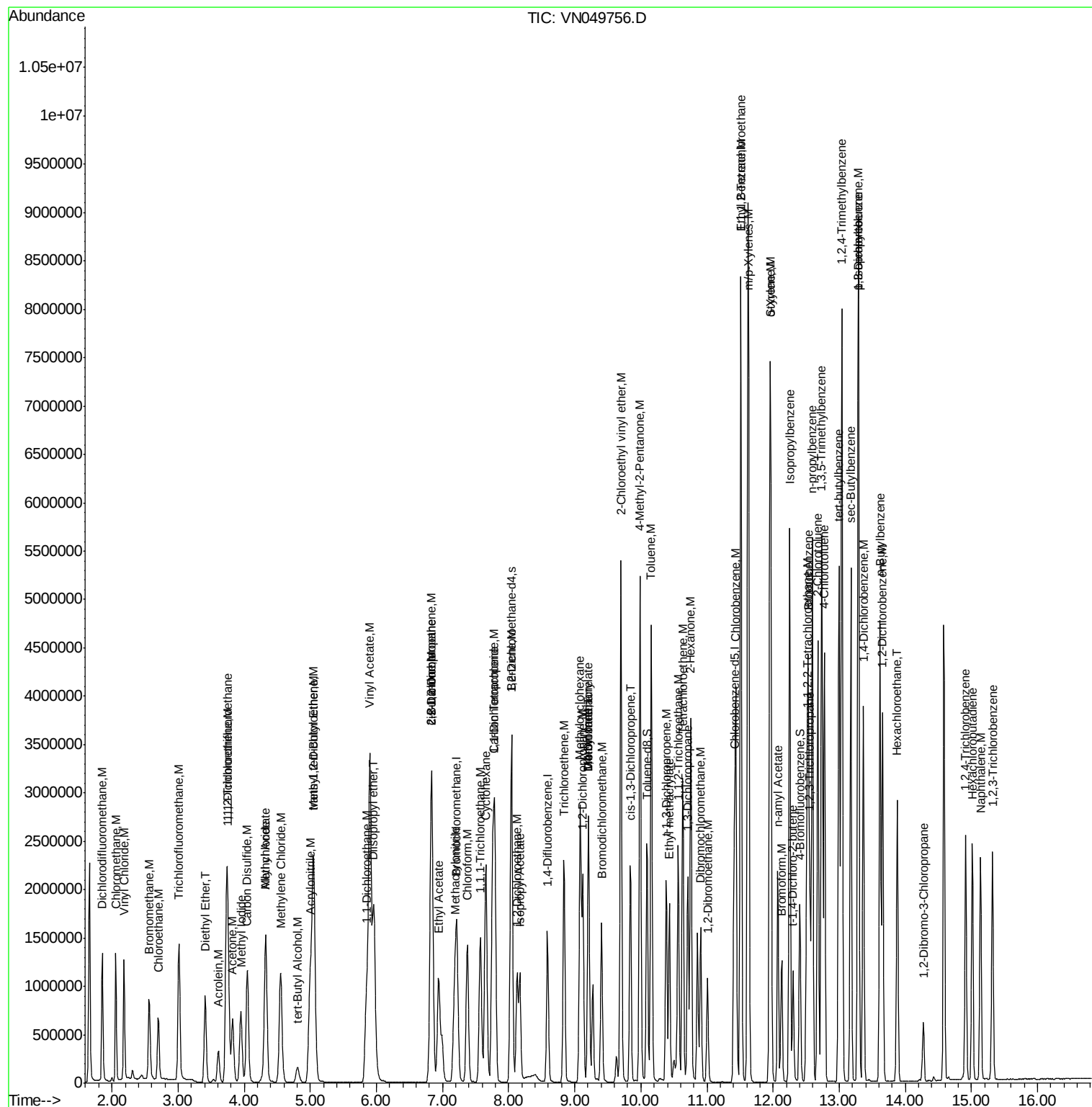
Quant Time: Jul 12 01:44:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071118W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jul 12 01:30:30 2018
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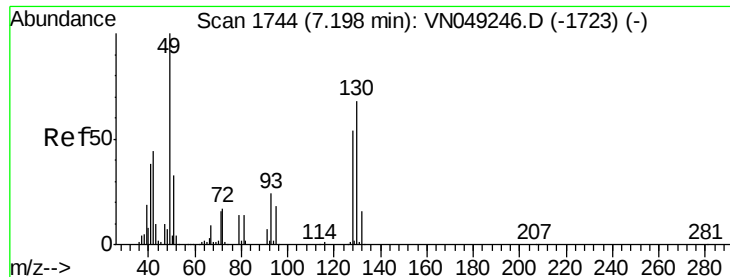
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jul 12 01:30:30 2018
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#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VN049756.D

Acq: 11 Jul 2018 11:11

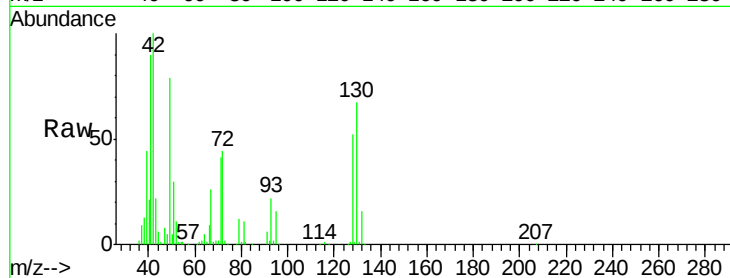
Tot Ion:128 Resp: 264483

Ion Ratio Lower Upper

128 100

49 153.5 0.0 378.3

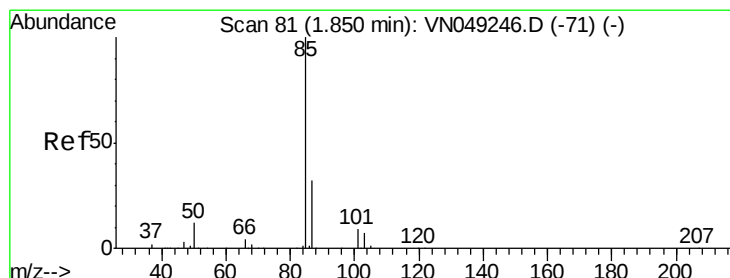
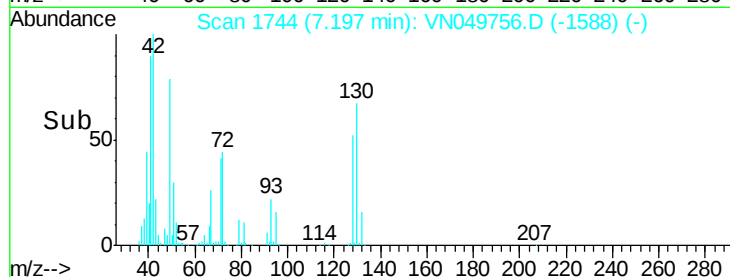
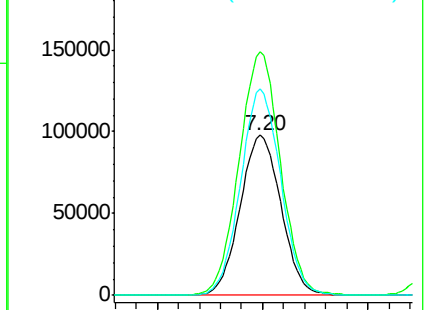
130 126.8 0.0 320.7



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: 62.66 ug/l

RT: 1.85 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN049756.D

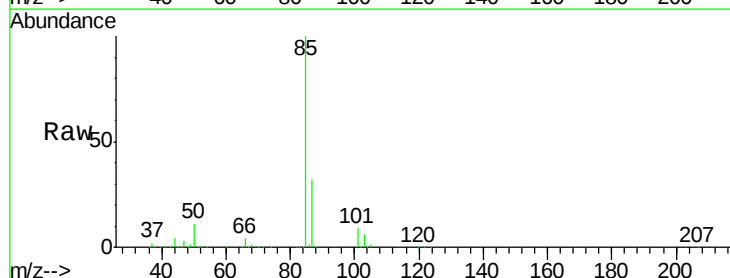
Acq: 11 Jul 2018 11:11

Tgt Ion: 85 Resp: 1046162

Ion Ratio Lower Upper

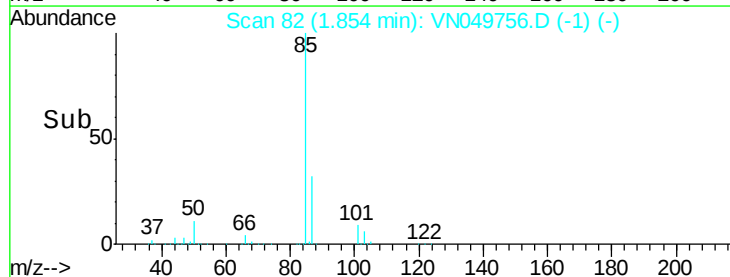
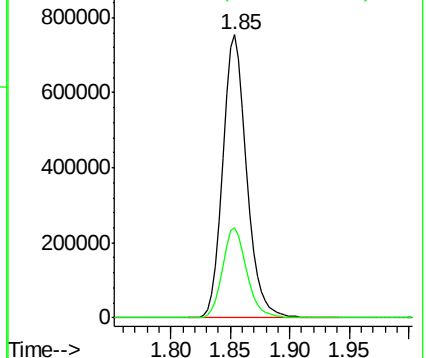
85 100

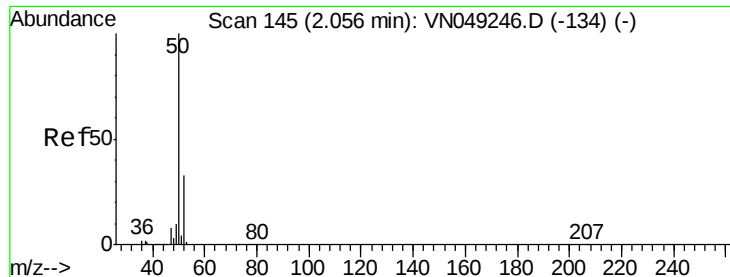
87 32.0 15.4 46.4



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#3

Chloromethane

Concen: 61.27 ug/l

RT: 2.06 min Scan# 145

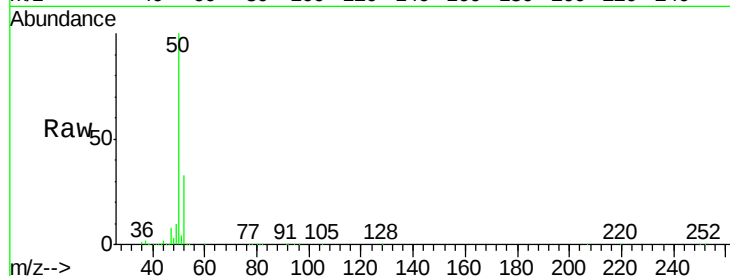
Delta R.T. -0.00 min

Lab File: VN049756.D

Acq: 11 Jul 2018 11:11

Tot Ion: 50 Resp: 1033925

Ion	Ratio	Lower	Upper
50	100		
52	32.6	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

800000

600000

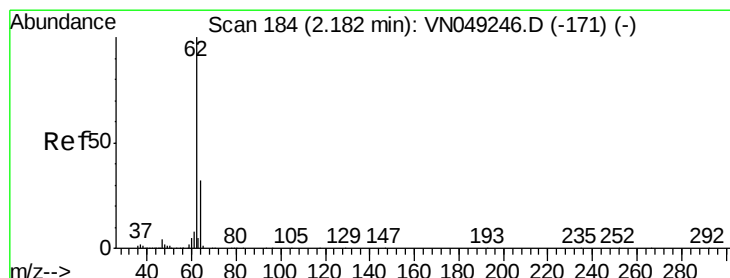
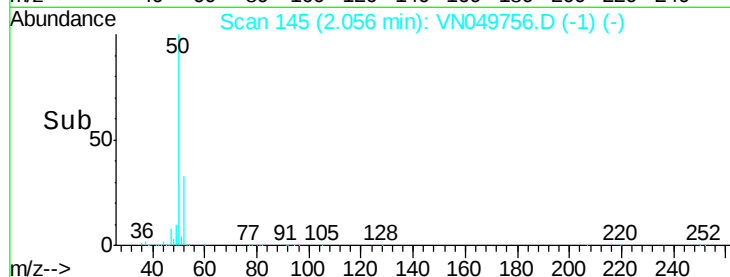
400000

200000

0

Time-->

2.00 2.05 2.10



#4

Vinyl Chloride

Concen: 63.54 ug/l

RT: 2.18 min Scan# 184

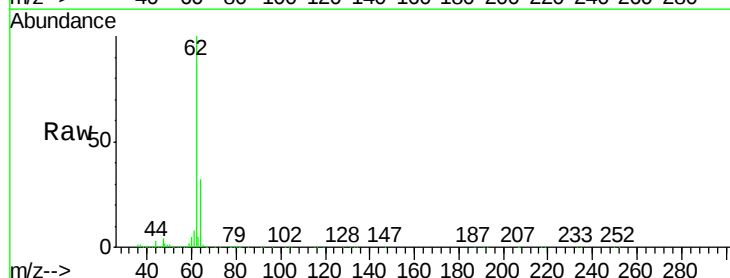
Delta R.T. -0.00 min

Lab File: VN049756.D

Acq: 11 Jul 2018 11:11

Tgt Ion: 62 Resp: 1094713

Ion	Ratio	Lower	Upper
62	100		
64	32.1	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

800000

600000

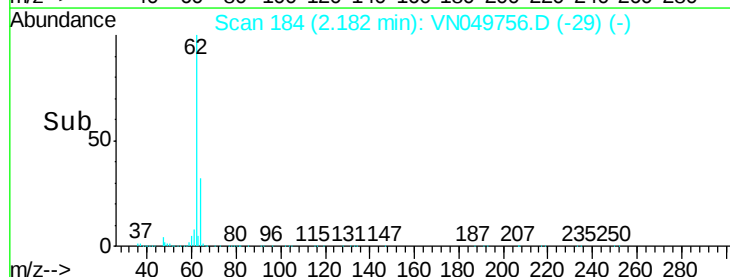
400000

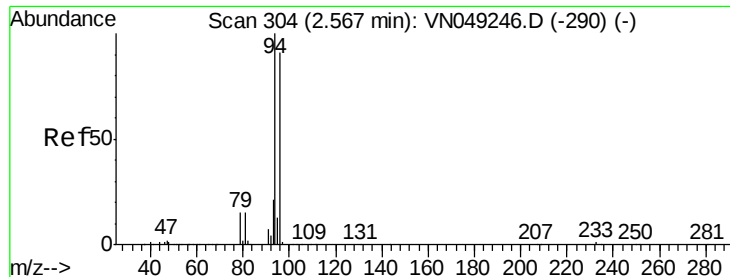
200000

0

Time-->

2.10 2.20 2.30





#5

Bromomethane

Concen: 65.88 ug/l

RT: 2.56 min Scan# 302

Delta R.T. -0.01 min

Lab File: VN049756.D

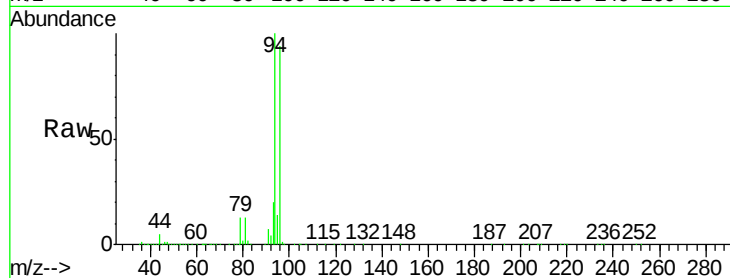
Acq: 11 Jul 2018 11:11

Tot Ion: 94 Resp: 610896

Ion Ratio Lower Upper

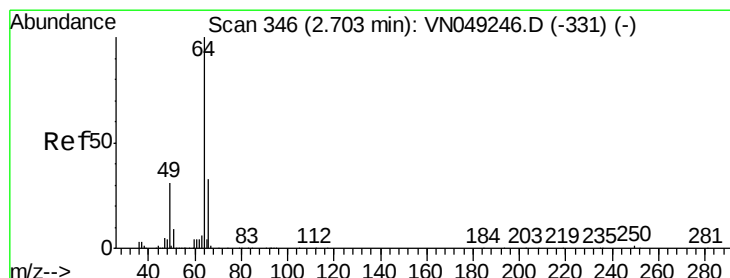
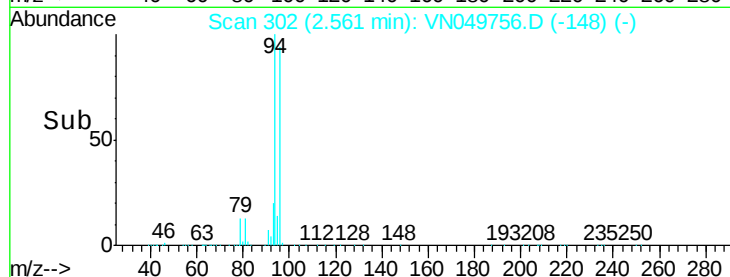
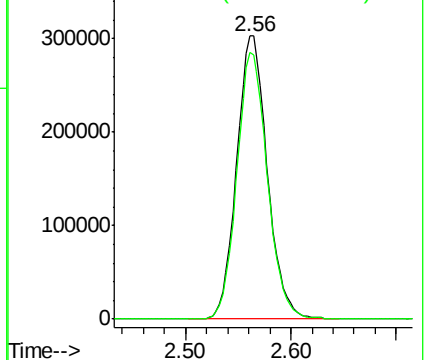
94 100

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



#6

Chloroethane

Concen: 57.22 ug/l

RT: 2.70 min Scan# 345

Delta R.T. -0.00 min

Lab File: VN049756.D

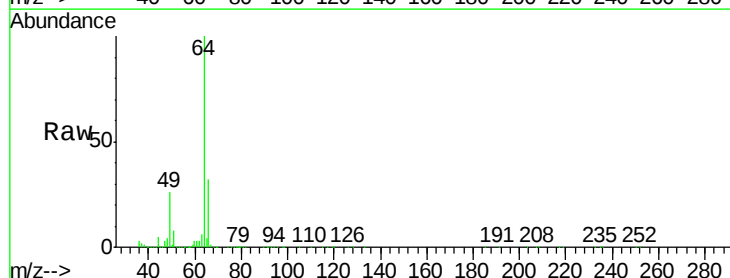
Acq: 11 Jul 2018 11:11

Tgt Ion: 64 Resp: 626021

Ion Ratio Lower Upper

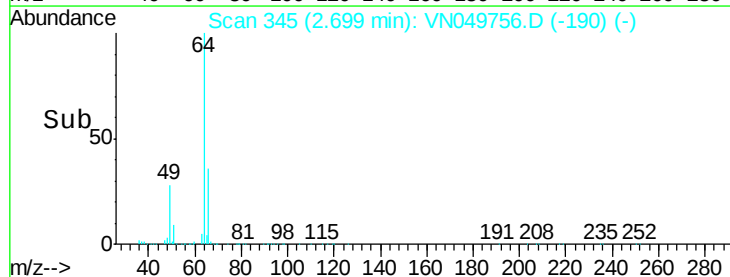
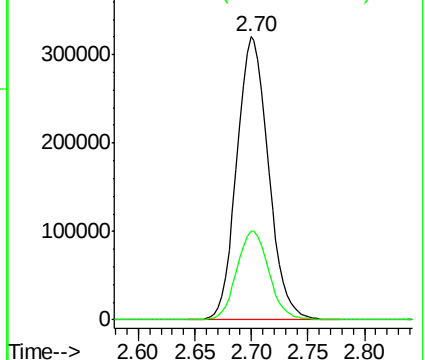
64 100

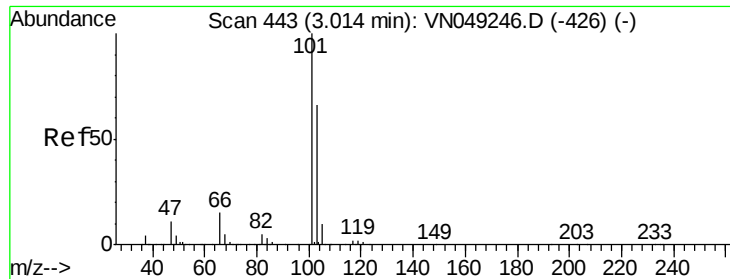
66 31.5 25.0 37.4



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0





#7

Trichlorofluoromethane

Concen: 57.74 ug/l

RT: 3.01 min Scan# 443

Delta R.T. 0.00 min

Lab File: VN049756.D

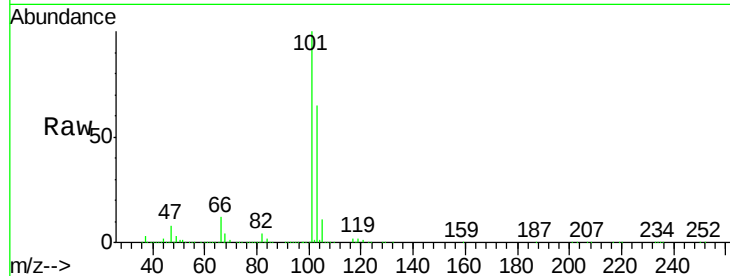
Acq: 11 Jul 2018 11:11

Tot Ion:101 Resp: 1375325

Ion Ratio Lower Upper

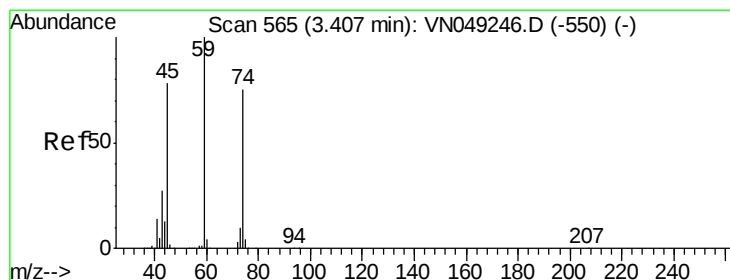
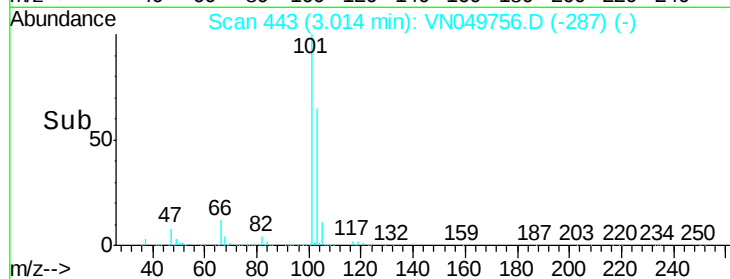
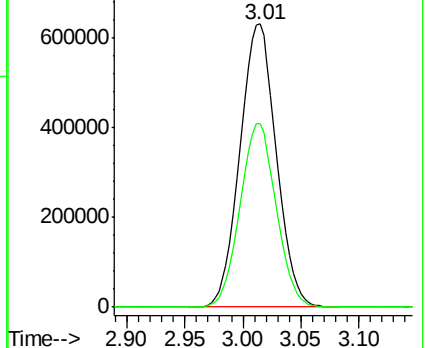
101 100

103 65.0 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: 50.37 ug/l

RT: 3.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VN049756.D

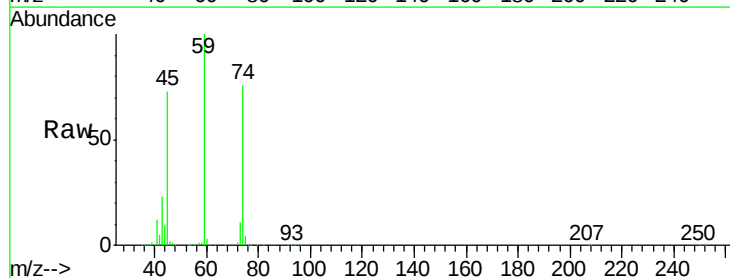
Acq: 11 Jul 2018 11:11

Tgt Ion: 74 Resp: 465759

Ion Ratio Lower Upper

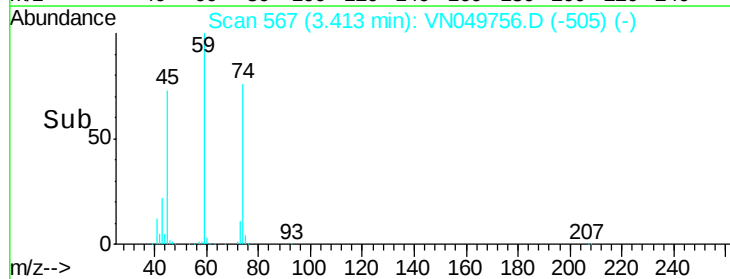
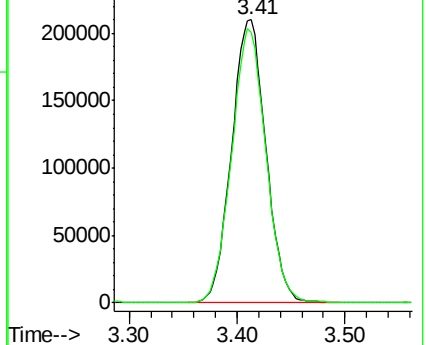
74 100

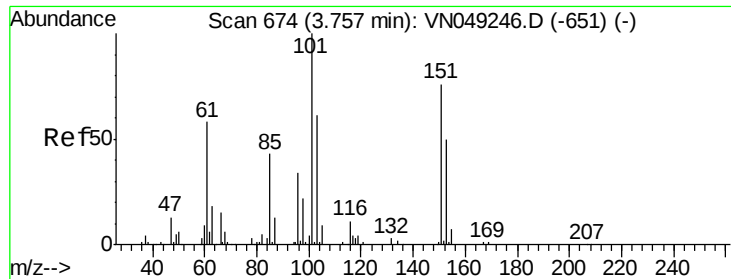
45 96.6 18.7 167.9



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.51 ug/l

RT: 3.75 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN049756.D

Acq: 11 Jul 2018 11:11

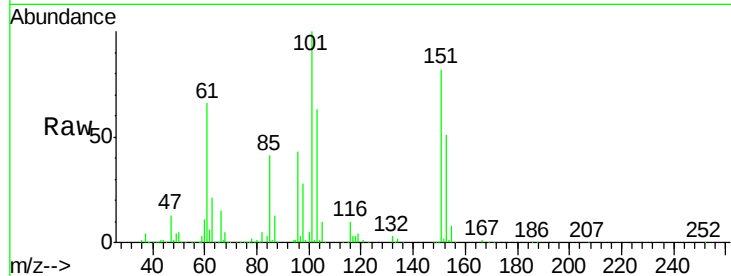
Tot Ion:101 Resp: 819121

Ion Ratio Lower Upper

101 100

85 42.5 0.0 83.0

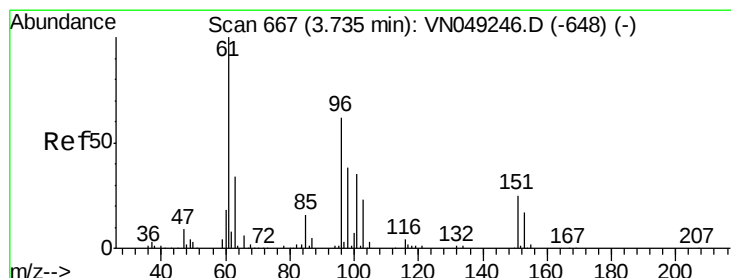
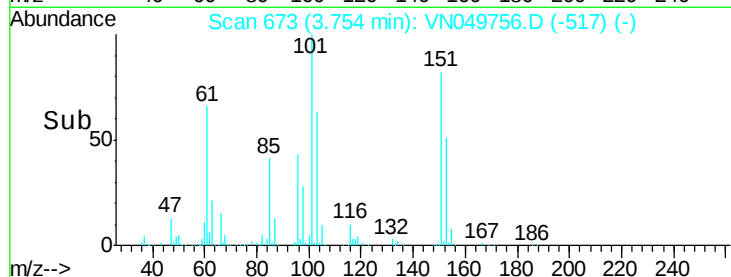
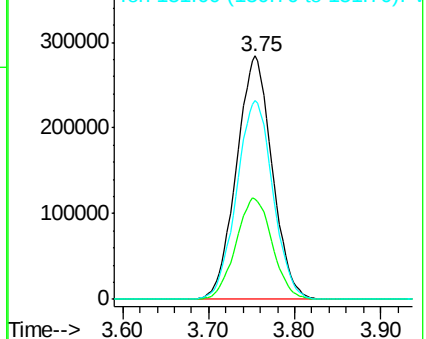
151 83.1 0.0 166.8



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: 51.22 ug/l

RT: 3.73 min Scan# 666

Delta R.T. -0.00 min

Lab File: VN049756.D

Acq: 11 Jul 2018 11:11

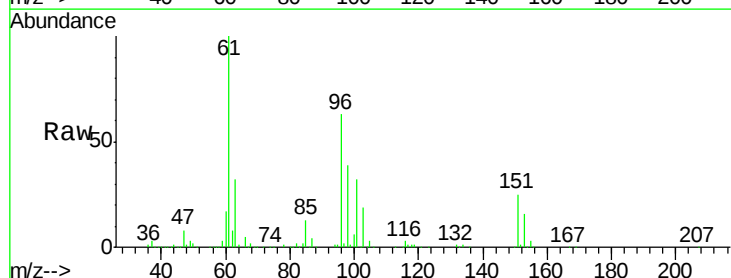
Tgt Ion: 96 Resp: 757499

Ion Ratio Lower Upper

96 100

61 157.9 130.6 195.8

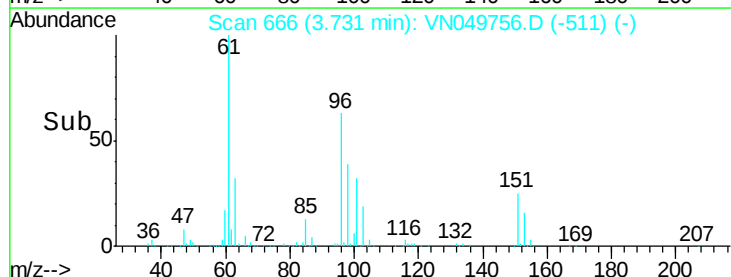
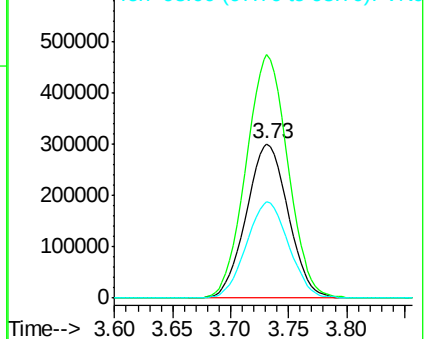
98 62.3 53.5 80.3

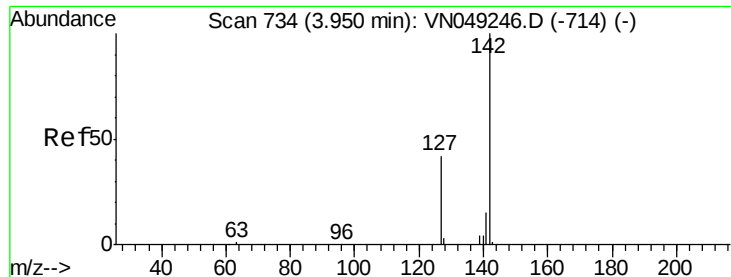


Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0

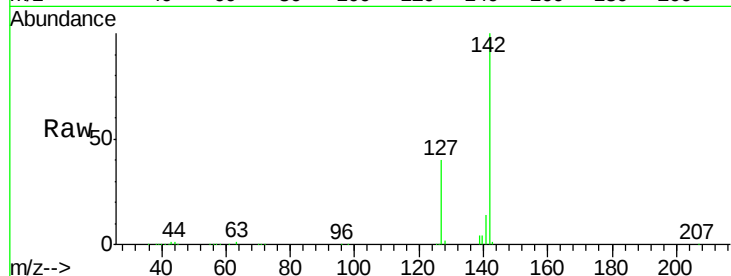




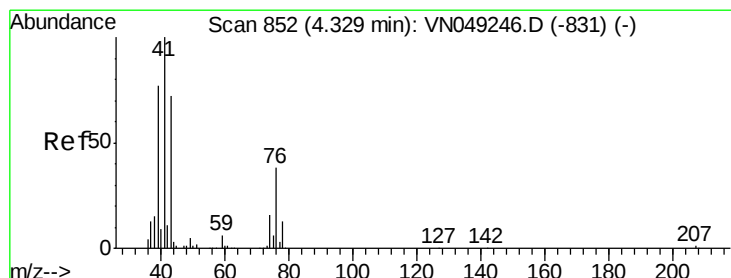
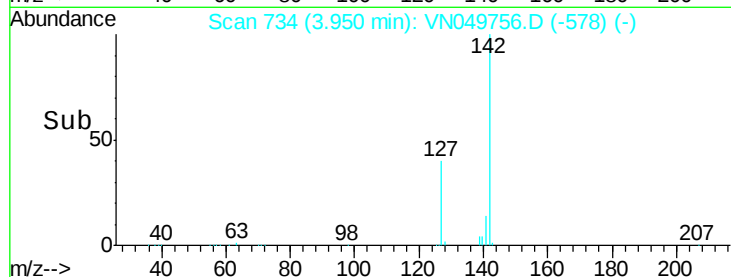
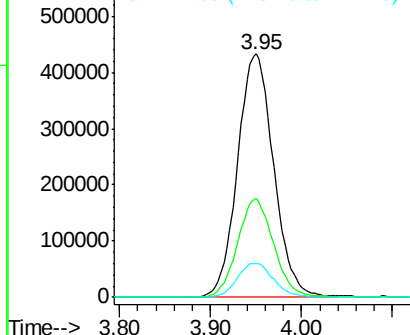
#11
Methyl Iodide
Concen: 68.79 ug/l
RT: 3.95 min Scan# 734
Delta R.T. 0.00 min
Lab File: VN049756.D
Acq: 11 Jul 2018 11:11

Tot Ion:142 Resp: 1194965

Ion	Ratio	Lower	Upper
142	100		
127	40.4	20.2	60.5
141	14.0	6.9	20.6



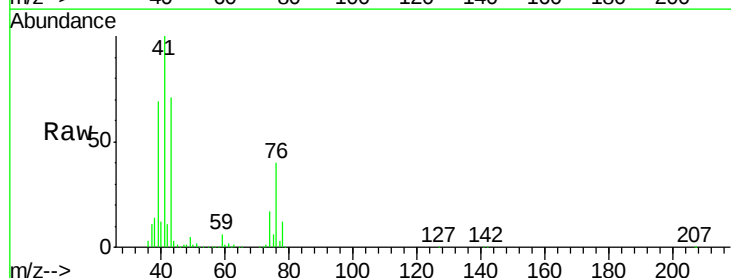
Abundance Ion 142.00 (141.70 to 142.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 141.00 (140.70 to 141.70): V



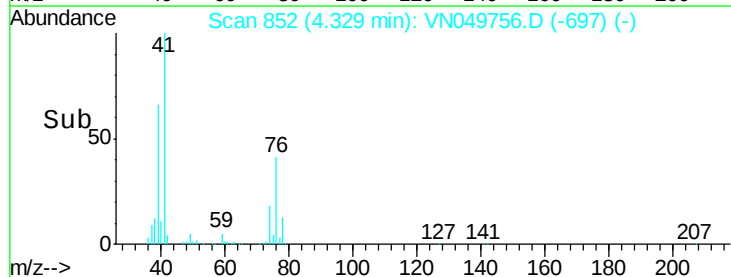
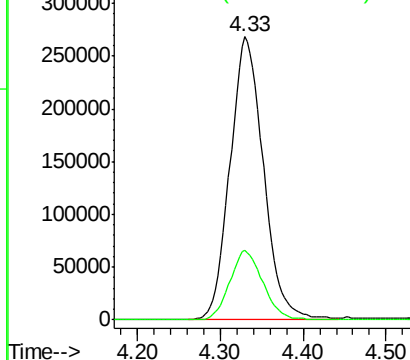
#12
Methyl Acetate
Concen: 50.02 ug/l
RT: 4.33 min Scan# 852
Delta R.T. -0.00 min
Lab File: VN049756.D
Acq: 11 Jul 2018 11:11

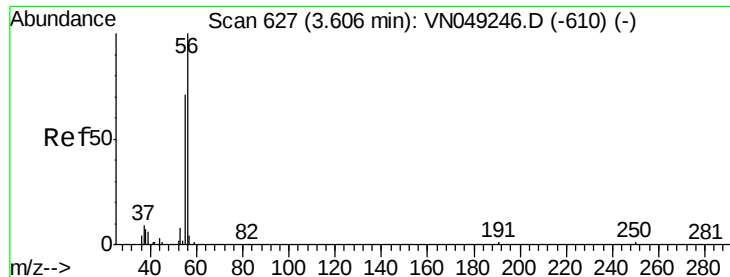
Tgt Ion: 43 Resp: 745297

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: 251.92 ug/l

RT: 3.61 min Scan# 628

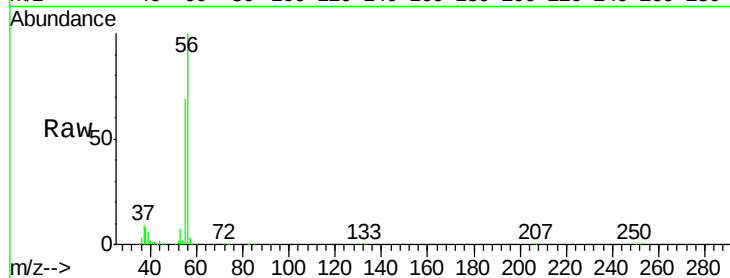
Delta R.T. 0.00 min

Lab File: VN049756.D

Acq: 11 Jul 2018 11:11

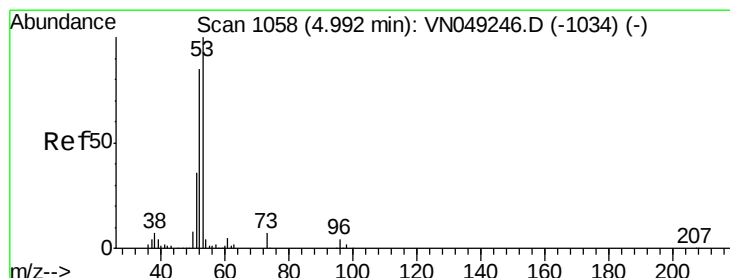
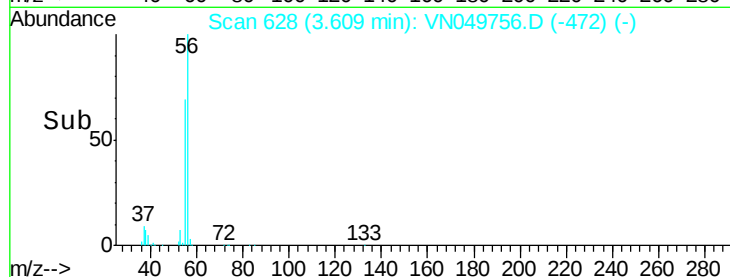
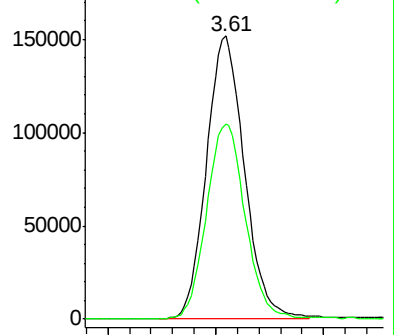
Tot Ion: 56 Resp: 372105

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



#14

Acrylonitrile

Concen: 240.87 ug/l

RT: 5.00 min Scan# 1059

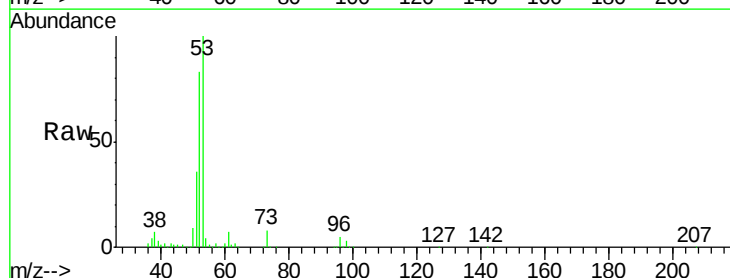
Delta R.T. 0.00 min

Lab File: VN049756.D

Acq: 11 Jul 2018 11:11

Tgt Ion: 53 Resp: 1349007

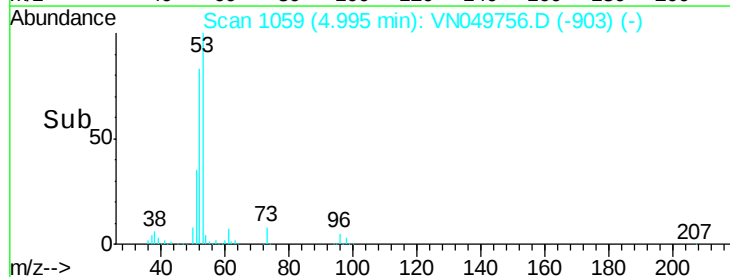
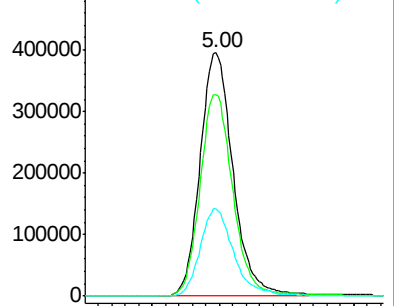
Ion	Ratio	Lower	Upper
53	100		
52	82.5	41.5	124.5
51	36.6	18.7	56.1

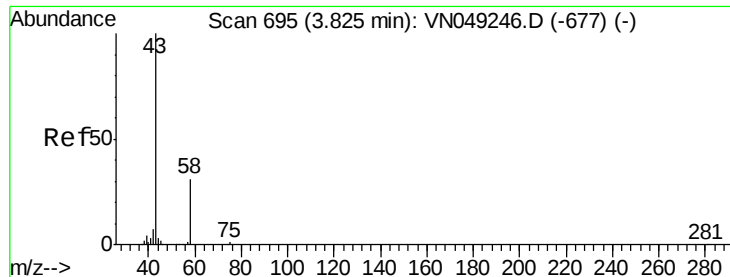


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#15

Acetone

Concen: 266.24 ug/l

RT: 3.82 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN049756.D

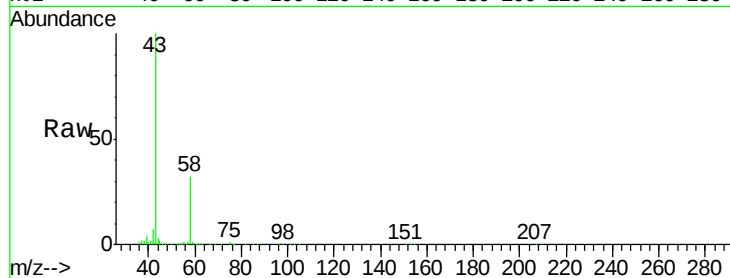
Acq: 11 Jul 2018 11:11

Tot Ion: 58 Resp: 335348

Ion Ratio Lower Upper

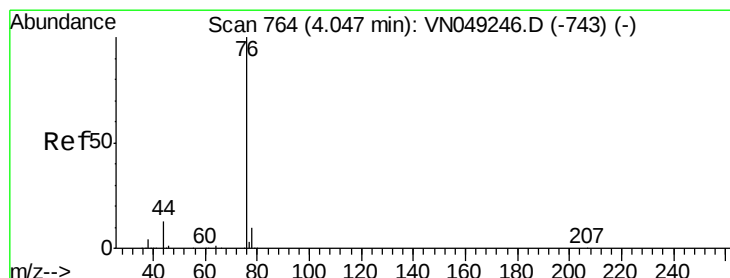
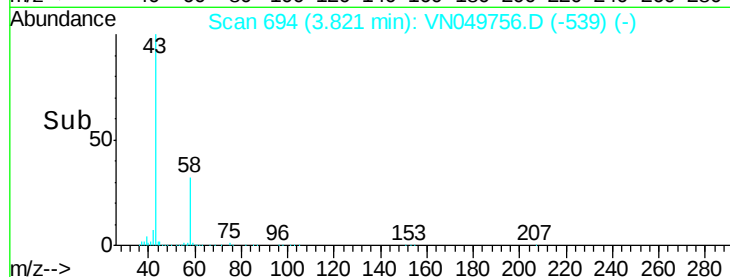
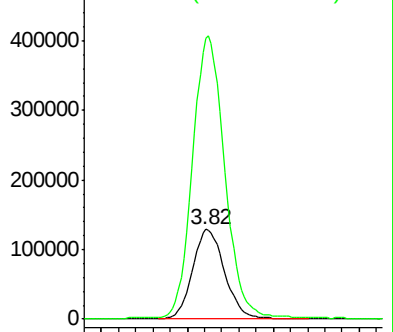
58 100

43 312.4 252.0 378.0



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

Ion 43.00 (42.70 to 43.70): VN049246.D (-677) (-)



#16

Carbon Disulfide

Concen: 49.49 ug/l

RT: 4.05 min Scan# 764

Delta R.T. -0.00 min

Lab File: VN049756.D

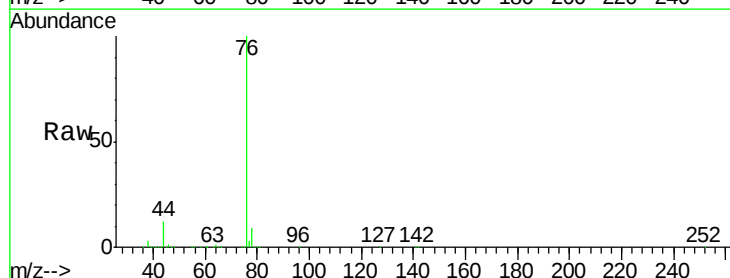
Acq: 11 Jul 2018 11:11

Tgt Ion: 76 Resp: 2343723

Ion Ratio Lower Upper

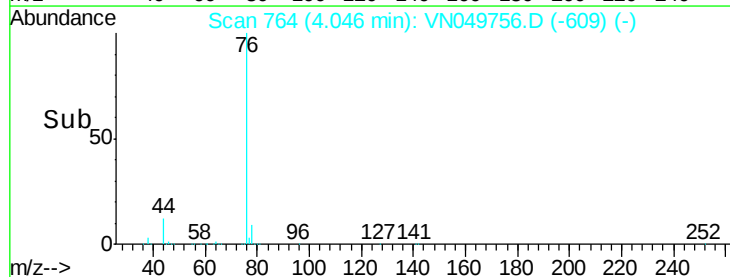
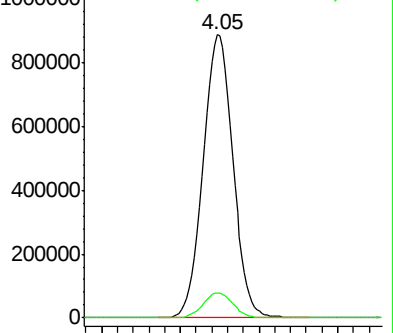
76 100

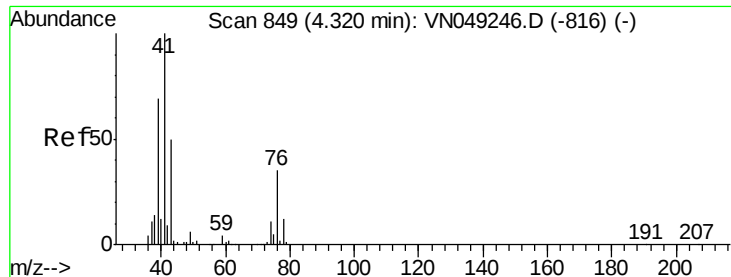
78 9.0 7.3 10.9



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

Ion 78.00 (77.70 to 78.70): VN049246.D (-743) (-)

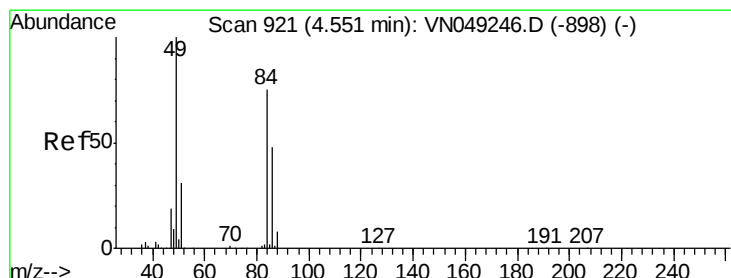
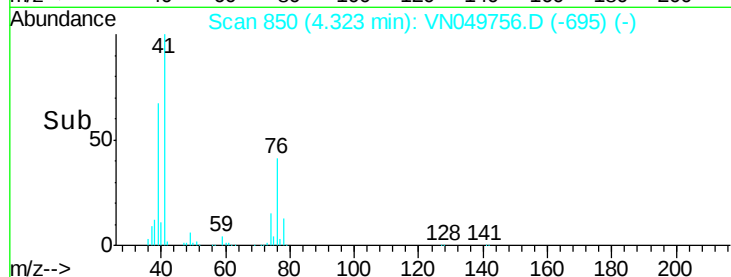
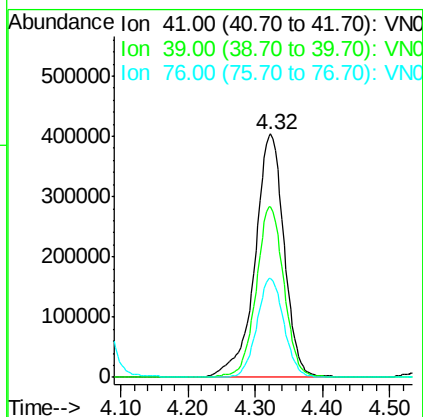
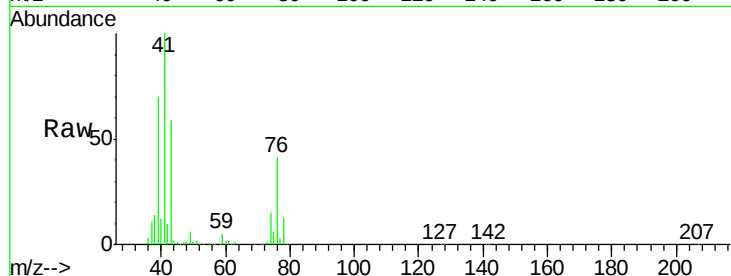




#17
Allvl chloride
Concen: 45.86 ug/l
RT: 4.32 min Scan# 850
Delta R.T. -0.00 min
Lab File: VN049756.D
Acq: 11 Jul 2018 11:11

Tot Ion: 41 Resp: 1215481

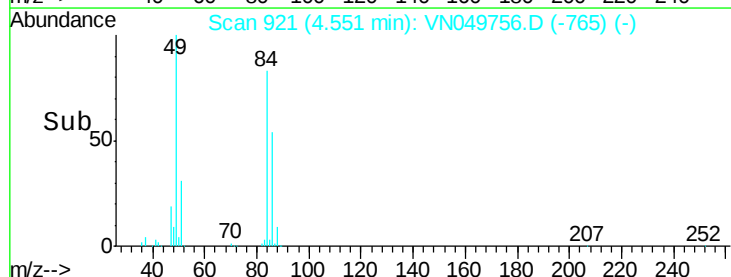
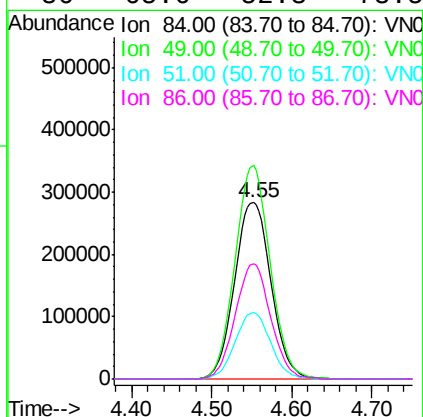
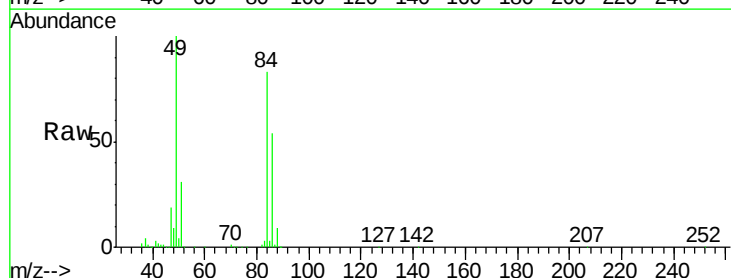
Ion	Ratio	Lower	Upper
41	100		
39	70.1	35.4	106.3
76	40.4	19.7	59.1

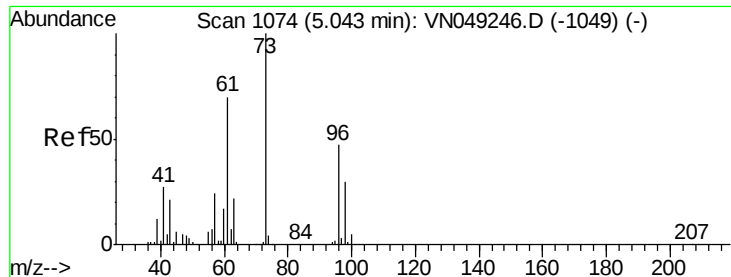


#18
Methylene Chloride
Concen: 50.05 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049756.D
Acq: 11 Jul 2018 11:11

Tgt Ion: 84 Resp: 874458

Ion	Ratio	Lower	Upper
84	100		
49	121.0	95.1	142.7
51	37.4	28.8	43.2
86	65.6	52.3	78.5





#19

trans-1,2-Dichloroethene

Concen: 51.43 ug/l

RT: 5.04 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VN049756.D

Acq: 11 Jul 2018 11:11

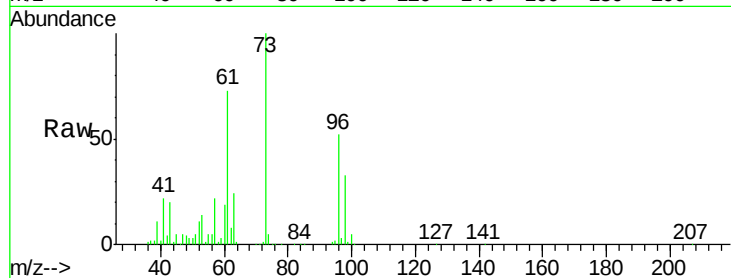
Tot Ion: 96 Resp: 805745

Ion Ratio Lower Upper

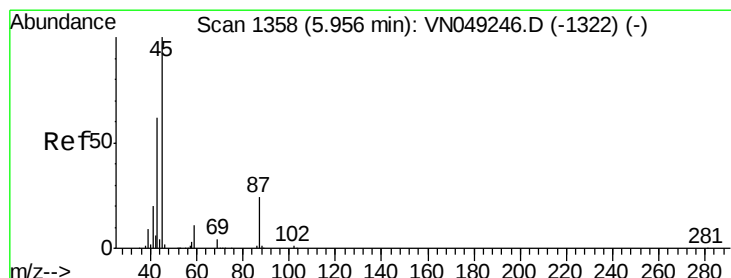
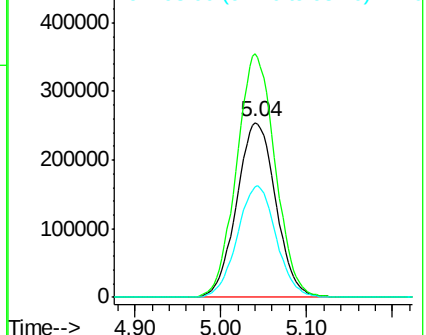
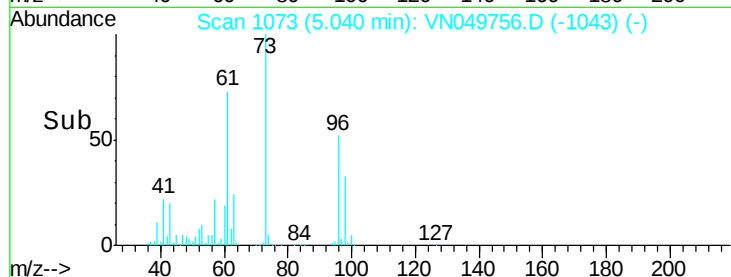
96 100

61 139.1 112.1 168.1

98 63.6 51.3 76.9



Abundance Ion 96.00 (95.70 to 96.70): VN049756.D (-1043) (-)



#20

Diisopropyl ether

Concen: 45.28 ug/l

RT: 5.96 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VN049756.D

Acq: 11 Jul 2018 11:11

Tgt Ion: 45 Resp: 2473749

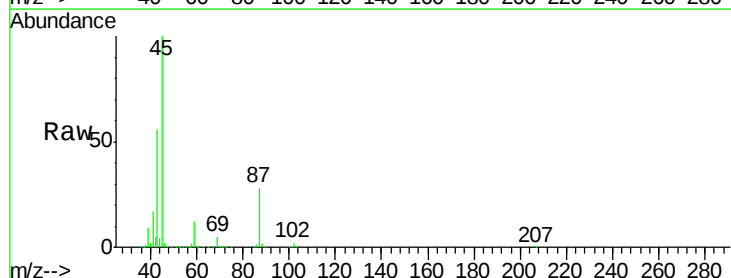
Ion Ratio Lower Upper

45 100

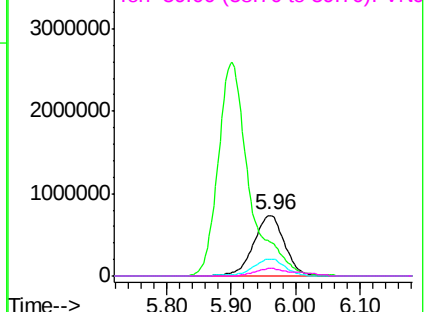
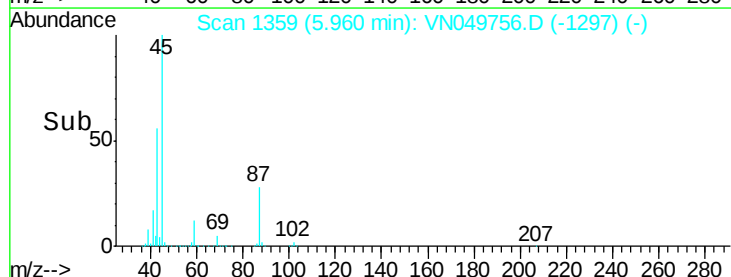
43 55.9 46.6 70.0

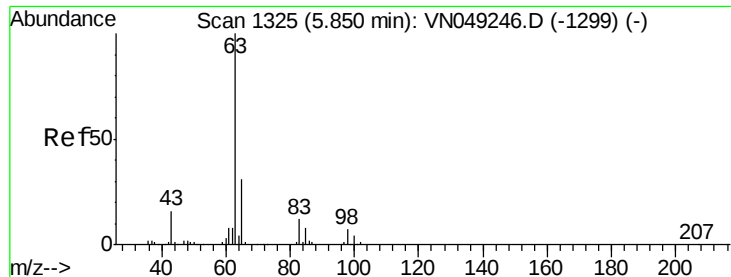
87 28.1 22.3 33.5

59 11.9 9.5 14.3



Abundance Ion 45.00 (44.70 to 45.70): VN049756.D (-1297) (-)

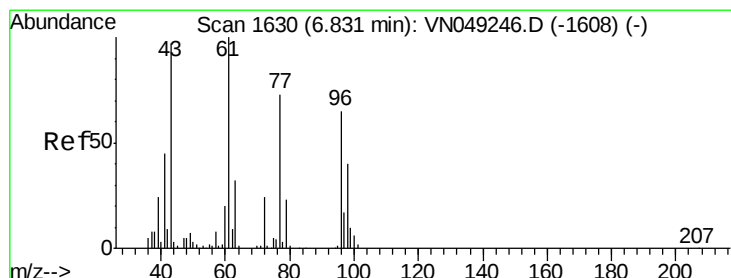
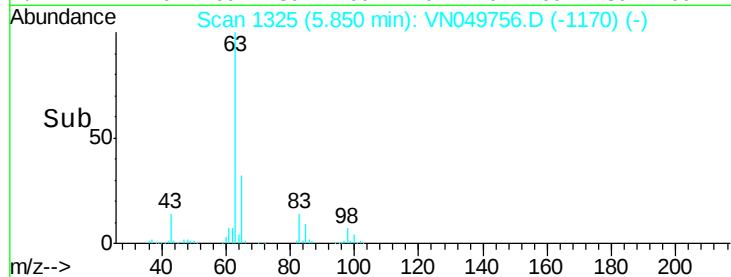
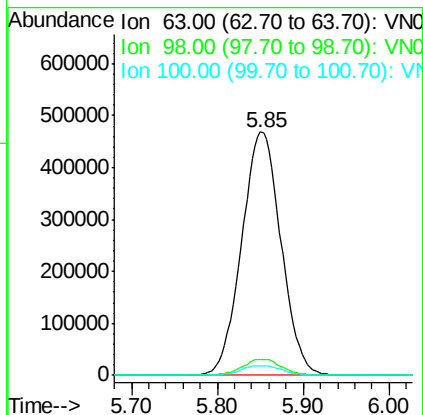
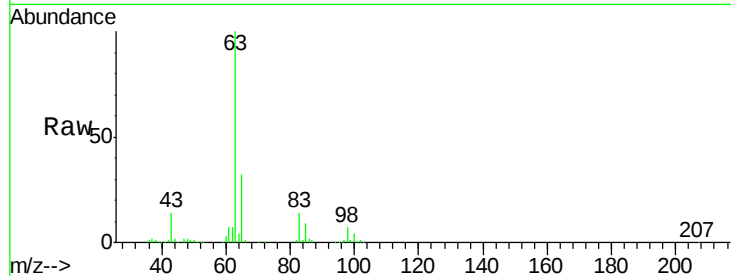




#21
 1,1-Dichloroethane
 Concen: 46.88 ug/l
 RT: 5.85 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: VN049756.D
 Acq: 11 Jul 2018 11:11

Tot Ion: 63 Resp: 1487978

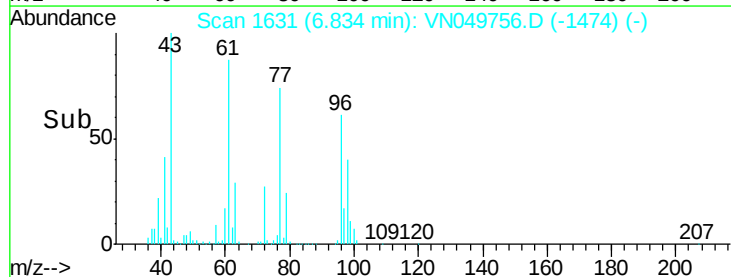
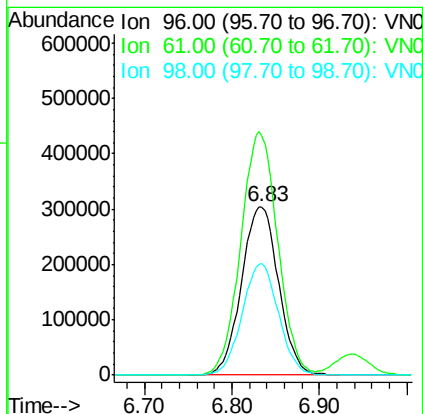
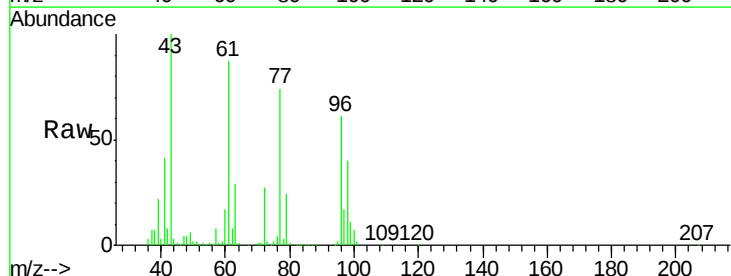
Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.5	10.6
100	4.0	2.3	6.8

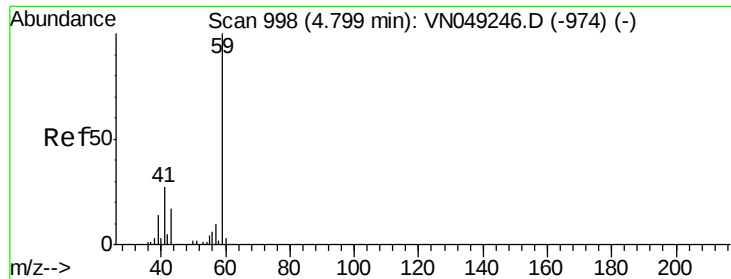


#22
 cis-1,2-Dichloroethene
 Concen: 50.39 ug/l
 RT: 6.83 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: VN049756.D
 Acq: 11 Jul 2018 11:11

Tgt Ion: 96 Resp: 894264

Ion	Ratio	Lower	Upper
96	100		
61	143.8	114.2	171.2
98	65.0	51.7	77.5

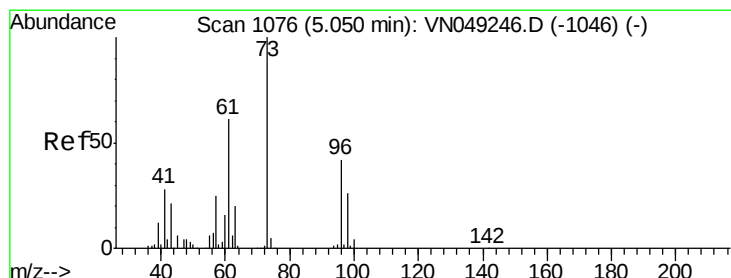
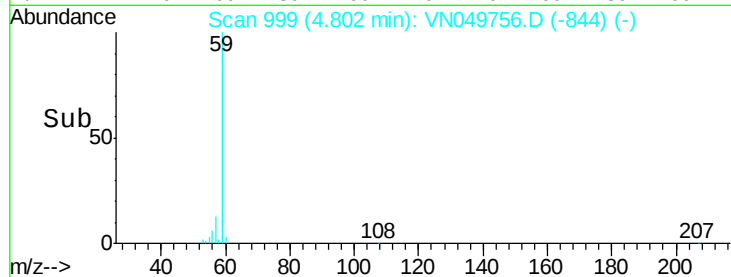
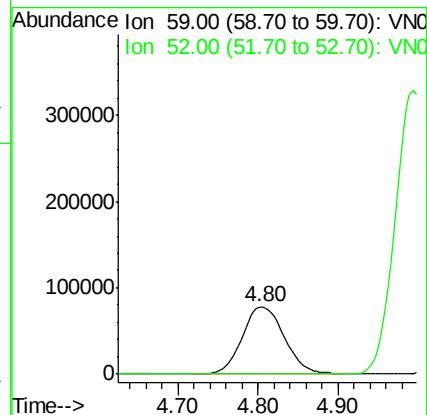
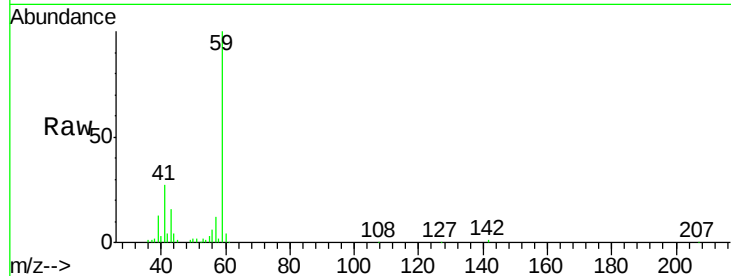




#23

tert-Butyl Alcohol
Concen: 266.99 ug/l
RT: 4.80 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN049756.D
Acq: 11 Jul 2018 11:11

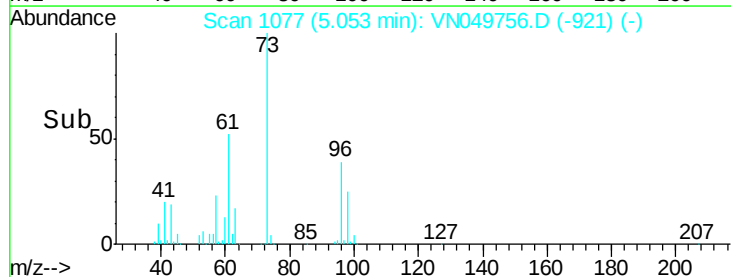
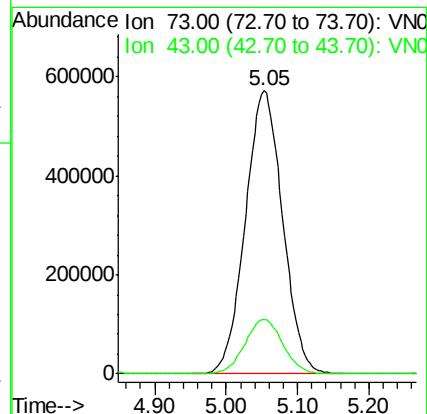
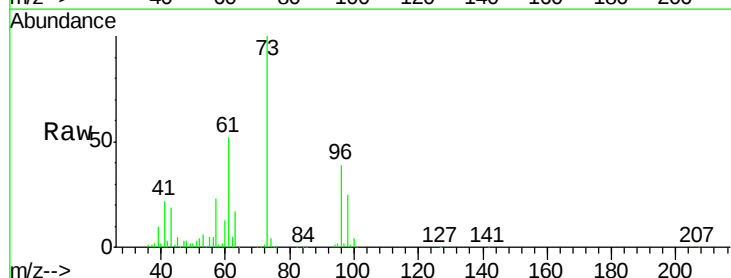
Tot Ion: 59 Resp: 281284
Ion Ratio Lower Upper
59 100
52 0.1 0.1 0.1#

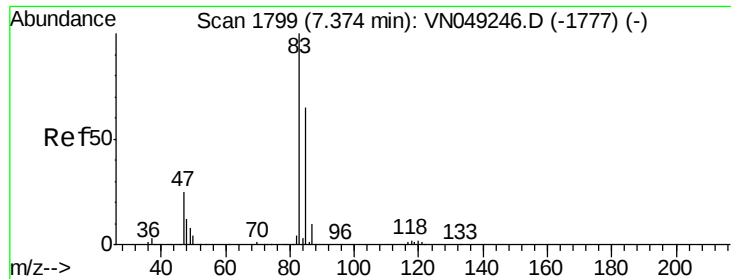


#24

Methyl tert-Butyl Ether
Concen: 51.13 ug/l
RT: 5.05 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VN049756.D
Acq: 11 Jul 2018 11:11

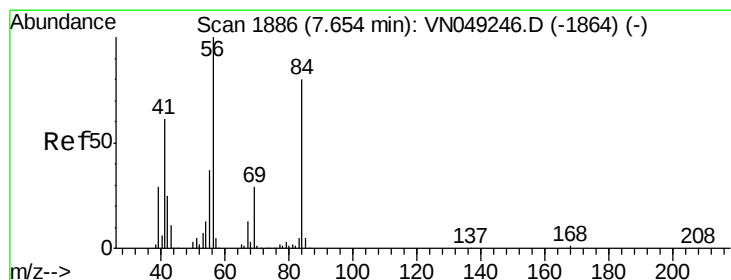
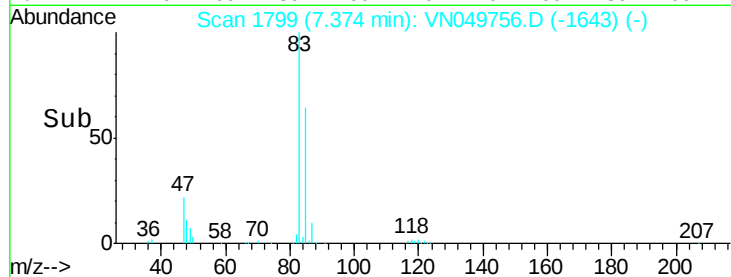
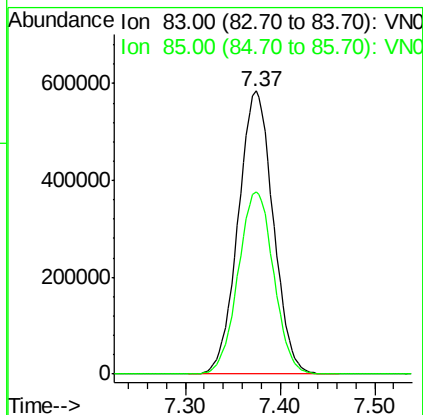
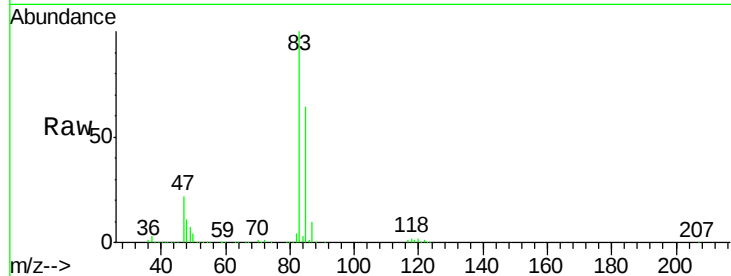
Tgt Ion: 73 Resp: 2075791
Ion Ratio Lower Upper
73 100
43 19.5 15.5 23.3





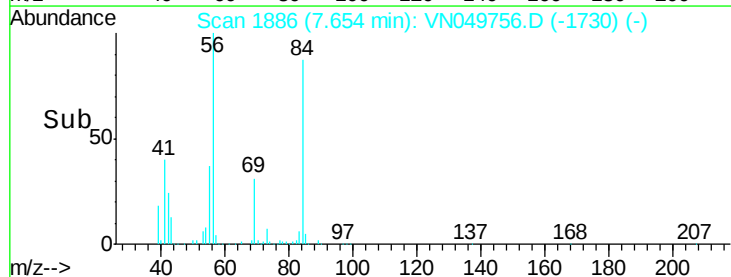
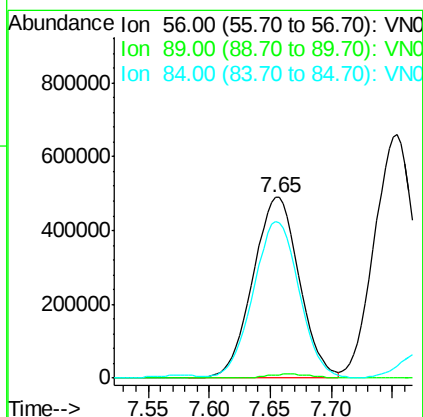
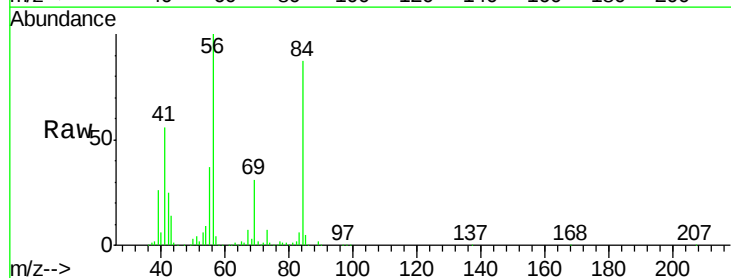
#25
Chloroform
Concen: 48.49 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN049756.D
Acq: 11 Jul 2018 11:11

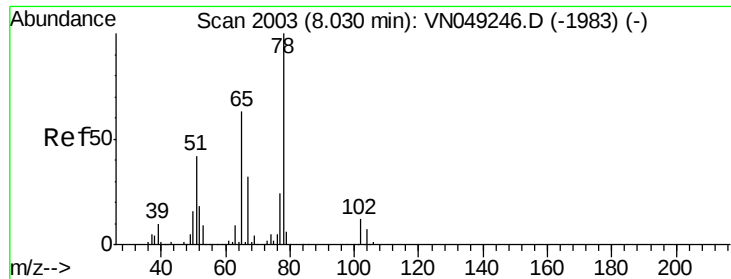
Tot Ion: 83 Resp: 1502274
Ion Ratio Lower Upper
83 100
85 64.4 52.1 78.1



#26
Cyclohexane
Concen: 47.73 ug/l
RT: 7.65 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VN049756.D
Acq: 11 Jul 2018 11:11

Tgt Ion: 56 Resp: 1293326
Ion Ratio Lower Upper
56 100
89 2.2 3.0 4.4#
84 85.6 69.8 104.8





#27

1,2-Dichloroethane-d4

Concen: 27.41 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049756.D

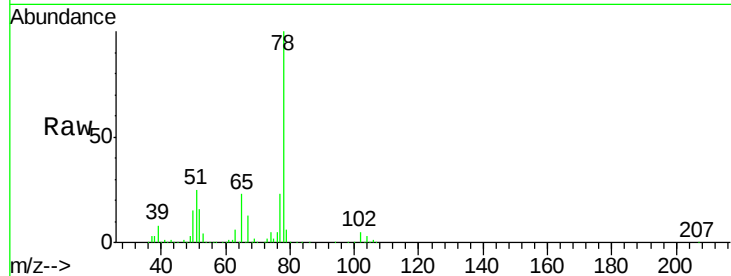
Acq: 11 Jul 2018 11:11

Tot Ion: 65 Resp: 527280

Ion Ratio Lower Upper

65 100

67 54.7 42.7 64.1



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

8.03

250000

200000

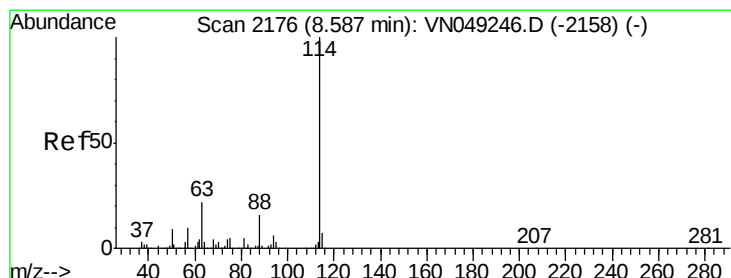
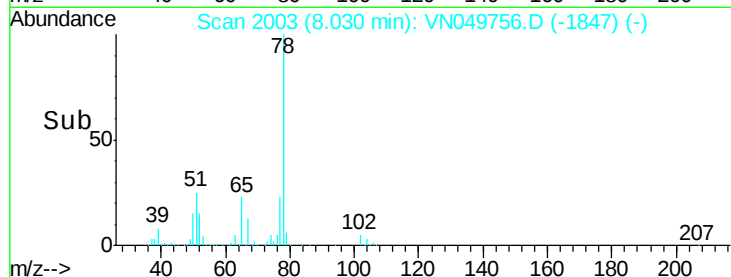
150000

100000

50000

0

Time-->



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049756.D

Acq: 11 Jul 2018 11:11

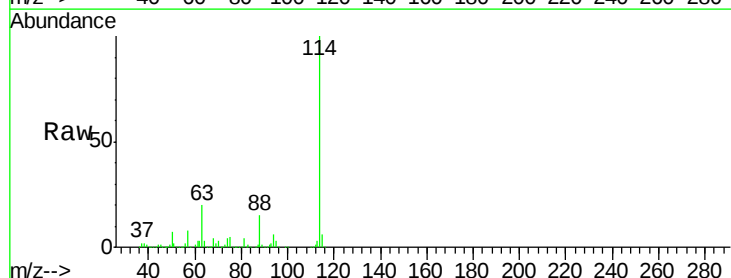
Tgt Ion: 114 Resp: 1419066

Ion Ratio Lower Upper

114 100

63 19.9 16.2 24.2

88 15.4 12.3 18.5



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 88.00 (87.70 to 88.70): VN0

8.59

800000

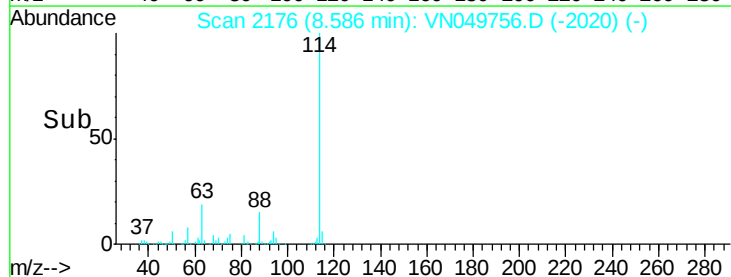
600000

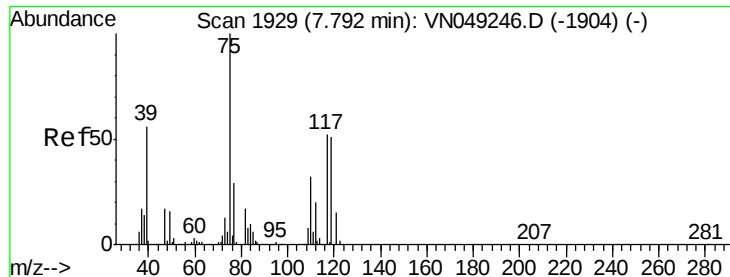
400000

200000

0

Time-->





#29

1,1-Dichloropropene

Concen: 50.05 ug/l

RT: 7.79 min Scan# 1929

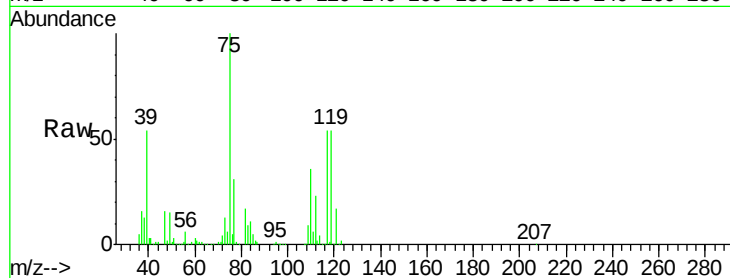
Delta R.T. 0.00 min

Lab File: VN049756.D

Acq: 11 Jul 2018 11:11

Tot Ion: 75 Resp: 1157899

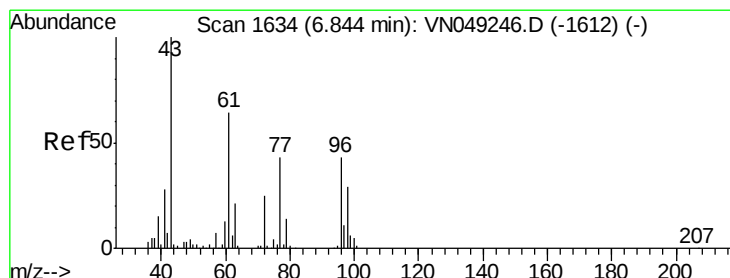
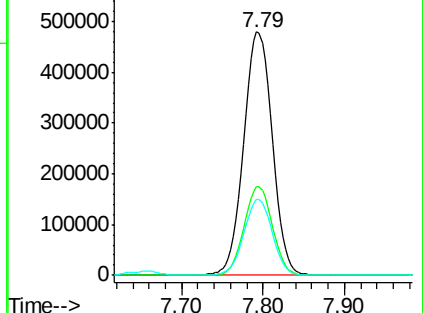
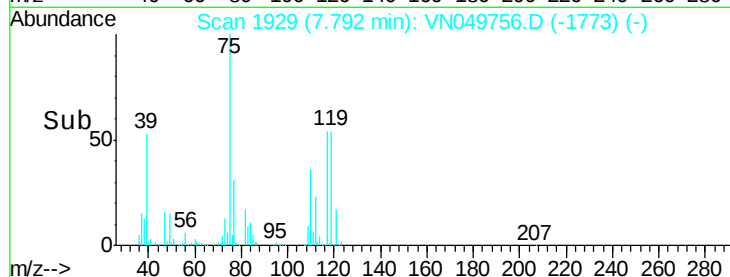
Ion	Ratio	Lower	Upper
75	100		
110	35.8	0.0	73.2
77	30.9	0.0	62.0



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 110.00 (109.70 to 110.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#30

2-Butanone

Concen: 256.27 ug/l

RT: 6.84 min Scan# 1634

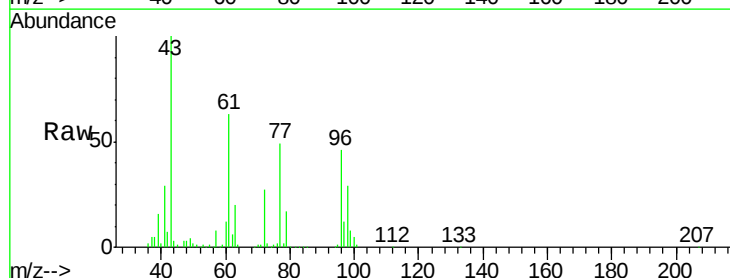
Delta R.T. -0.00 min

Lab File: VN049756.D

Acq: 11 Jul 2018 11:11

Tgt Ion: 43 Resp: 1618929

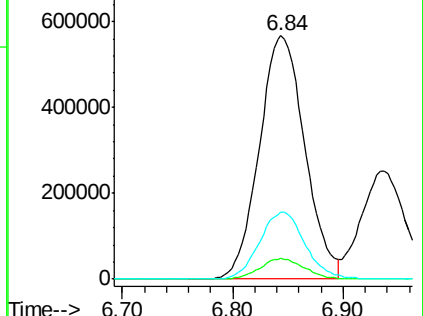
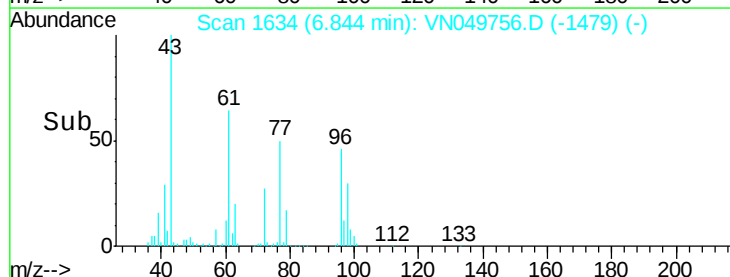
Ion	Ratio	Lower	Upper
43	100		
57	8.3	6.8	10.2
72	27.6	21.4	32.0

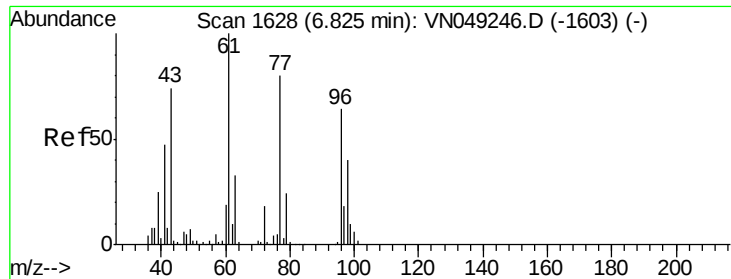


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

Ion 72.00 (71.70 to 72.70): VN0





#31

2,2-Dichloropropane

Concen: 54.69 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VN049756.D

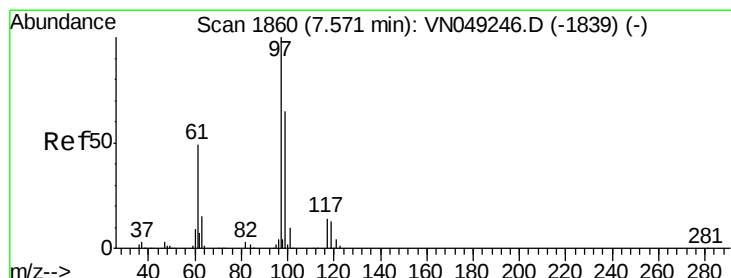
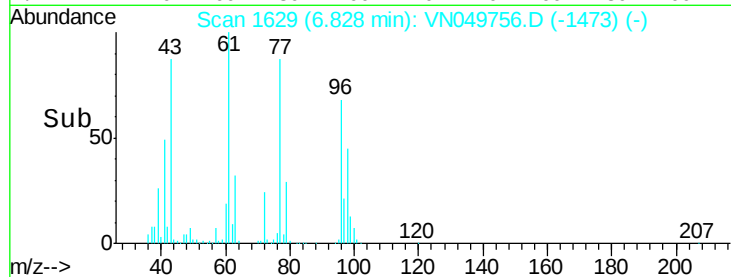
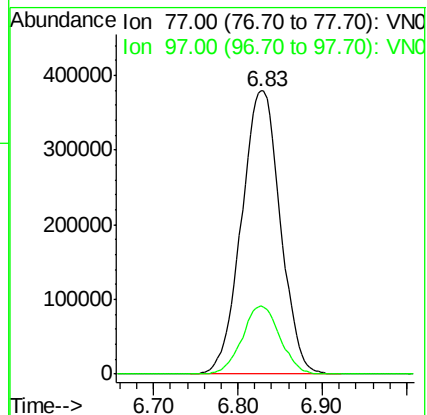
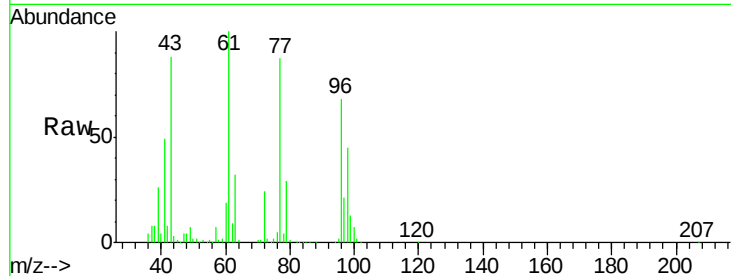
Acq: 11 Jul 2018 11:11

Tot Ion: 77 Resp: 1208796

Ion Ratio Lower Upper

77 100

97 23.6 18.9 28.3



#32

1,1,1-Trichloroethane

Concen: 49.98 ug/l

RT: 7.57 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VN049756.D

Acq: 11 Jul 2018 11:11

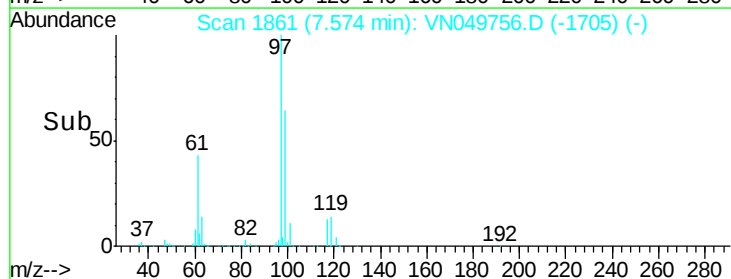
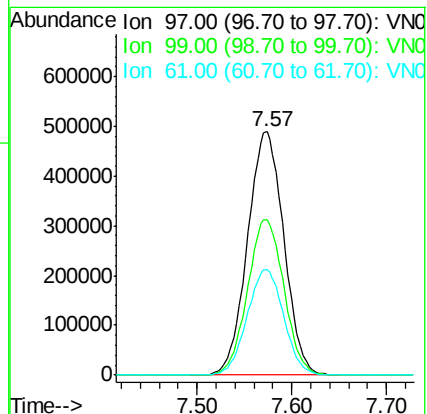
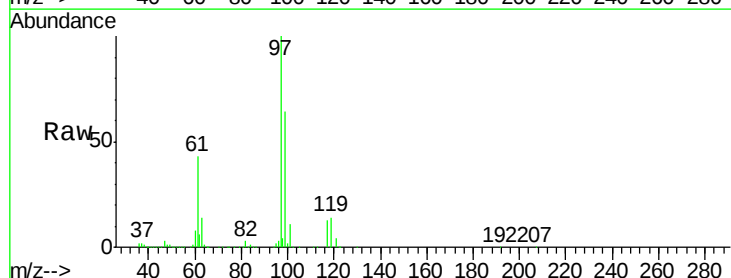
Tgt Ion: 97 Resp: 1304608

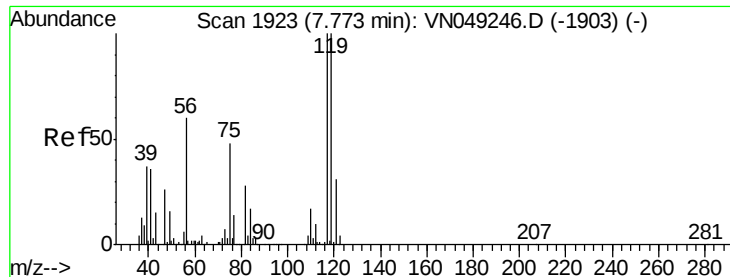
Ion Ratio Lower Upper

97 100

99 64.0 51.2 76.8

61 43.6 35.3 52.9





#33

Carbon Tetrachloride

Concen: 50.73 ug/l

RT: 7.77 min Scan# 1923

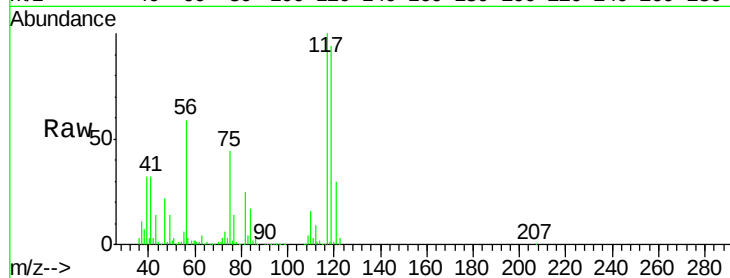
Delta R.T. -0.00 min

Lab File: VN049756.D

Acq: 11 Jul 2018 11:11

Tot Ion:117 Resp: 1162381

Ion	Ratio	Lower	Upper
117	100		
119	94.3	76.9	115.3
121	30.3	24.4	36.6

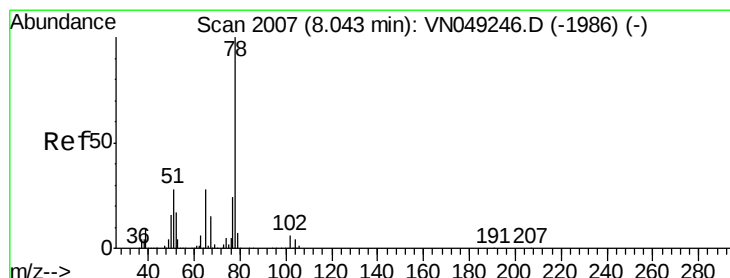
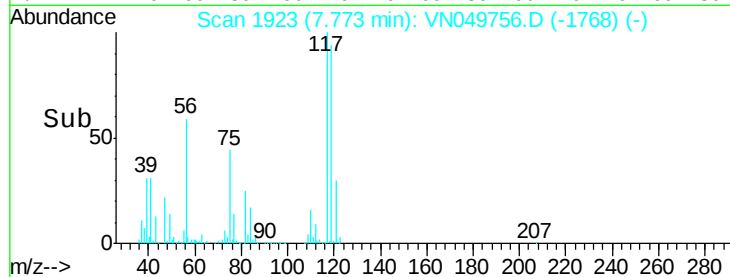
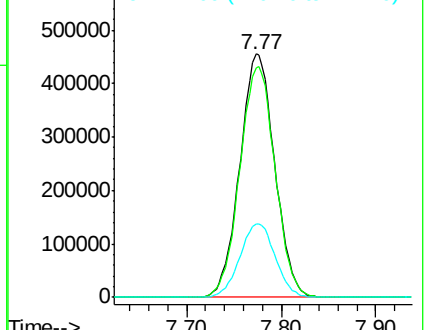


Abundance

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: 48.84 ug/l

RT: 8.04 min Scan# 2007

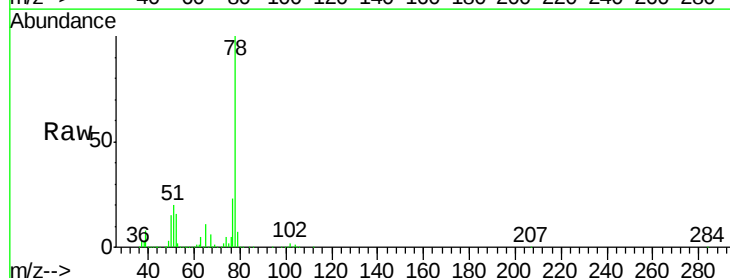
Delta R.T. 0.00 min

Lab File: VN049756.D

Acq: 11 Jul 2018 11:11

Tgt Ion: 78 Resp: 3426675

Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.1	28.7
51	20.0	21.0	31.4

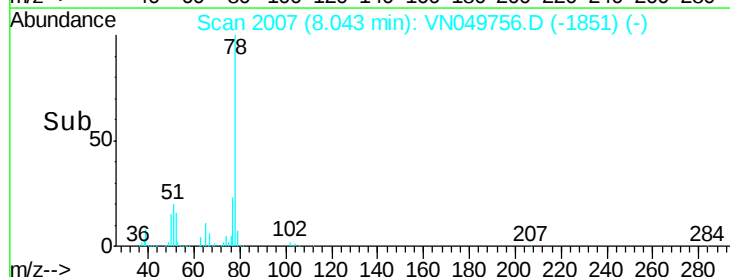
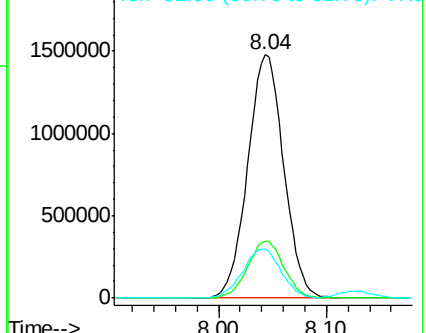


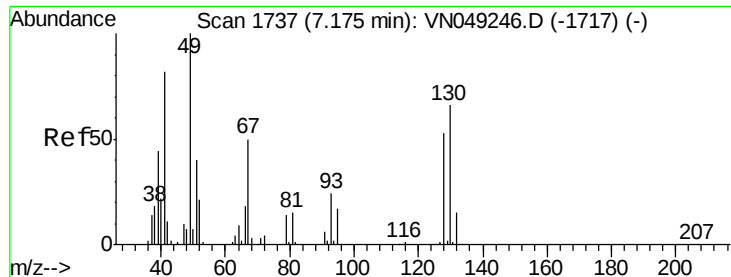
Abundance

Ion 78.10 (77.80 to 78.80): V

Ion 77.00 (76.70 to 77.70): V

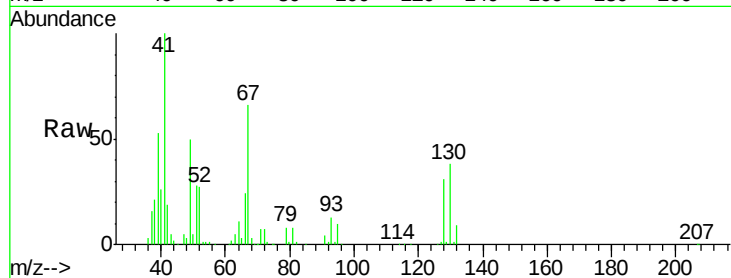
Ion 51.00 (50.70 to 51.70): V





#35
Methacrylonitrile
Concen: 50.78 ug/l
RT: 7.18 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN049756.D
Acq: 11 Jul 2018 11:11

Tot Ion	Ratio	Lower	Upper
41	100		
39	52.8	27.6	82.7
67	66.6	35.1	105.5
52	26.5	14.1	42.4

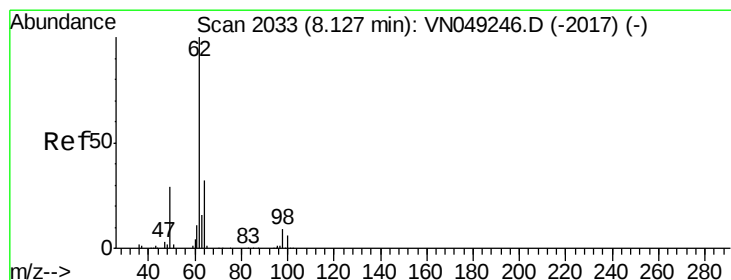
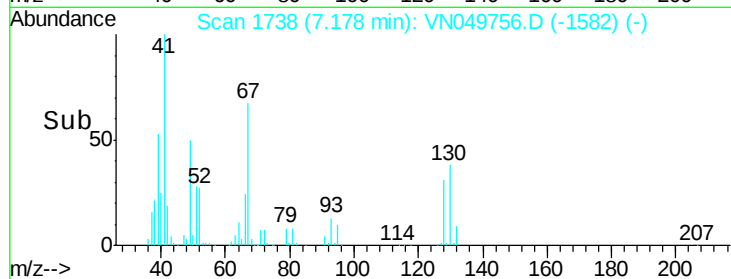
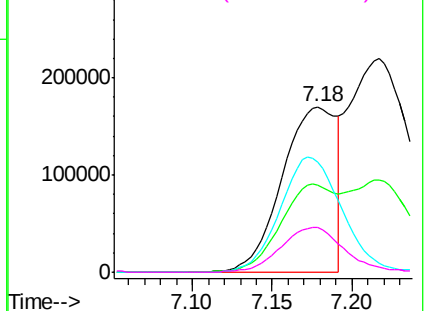


Abundance Ion 41.00 (40.70 to 41.70): VN049246.D (-1717) (-)

Ion 39.00 (38.70 to 39.70): VN049246.D (-1717) (-)

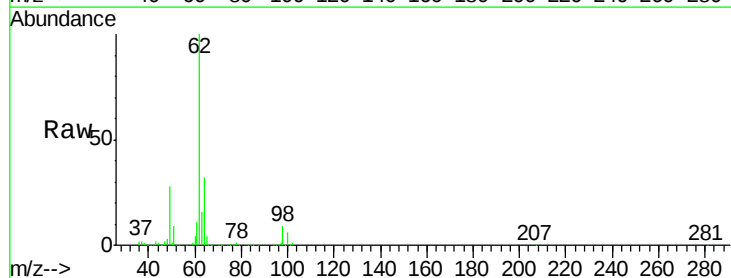
Ion 67.00 (66.70 to 67.70): VN049246.D (-1717) (-)

Ion 52.00 (51.70 to 52.70): VN049246.D (-1717) (-)



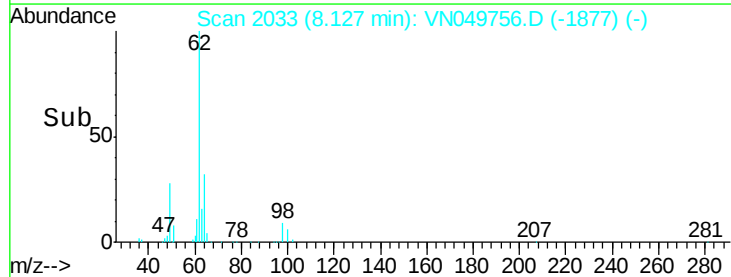
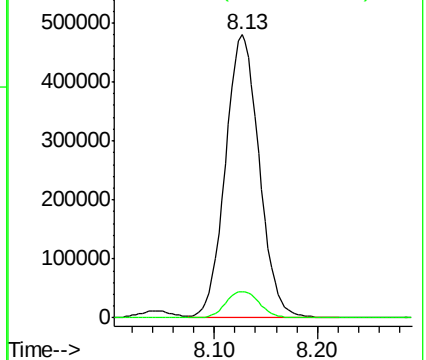
#36
1,2-Dichloroethane
Concen: 48.78 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN049756.D
Acq: 11 Jul 2018 11:11

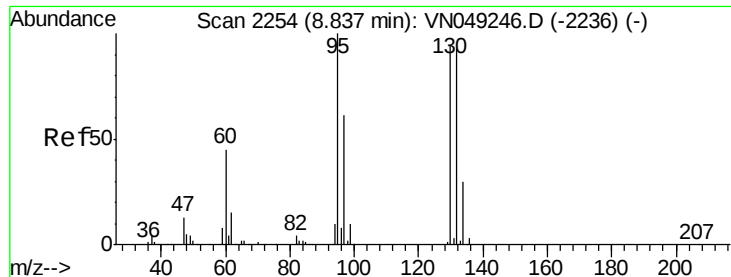
Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.4	7.8	11.6



Abundance Ion 62.00 (61.70 to 62.70): VN049246.D (-1817) (-)

Ion 98.00 (97.70 to 98.70): VN049246.D (-1817) (-)





#37

Trichloroethene

Concen: 51.92 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN049756.D

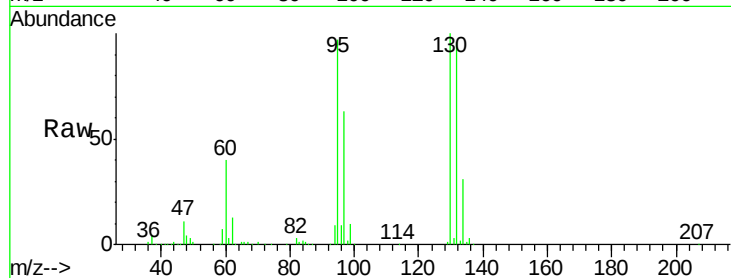
Acq: 11 Jul 2018 11:11

Tot Ion:130 Resp: 893089

Ion Ratio Lower Upper

130 100

95 97.0 79.7 119.5



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN0

8.84

400000

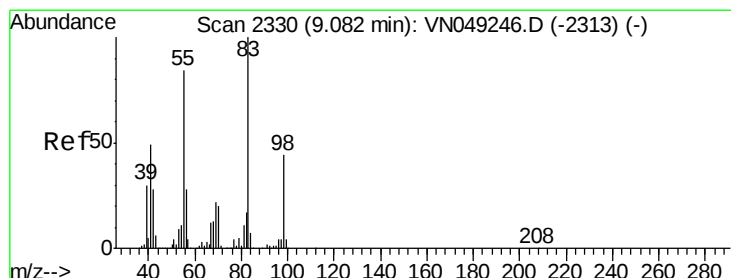
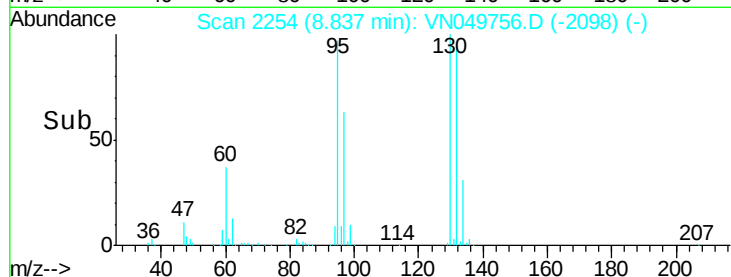
300000

200000

100000

0

Time-->



#38

Methylcyclohexane

Concen: 51.78 ug/l

RT: 9.08 min Scan# 2330

Delta R.T. 0.00 min

Lab File: VN049756.D

Acq: 11 Jul 2018 11:11

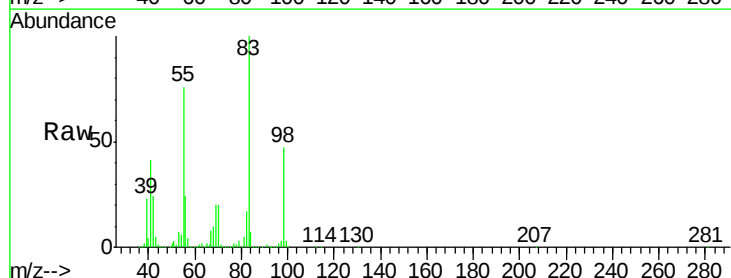
Tgt Ion: 83 Resp: 1239020

Ion Ratio Lower Upper

83 100

55 76.6 39.3 117.8

98 46.5 23.0 69.0



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0

9.08

800000

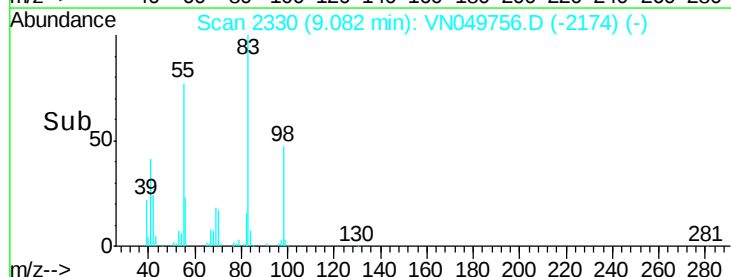
600000

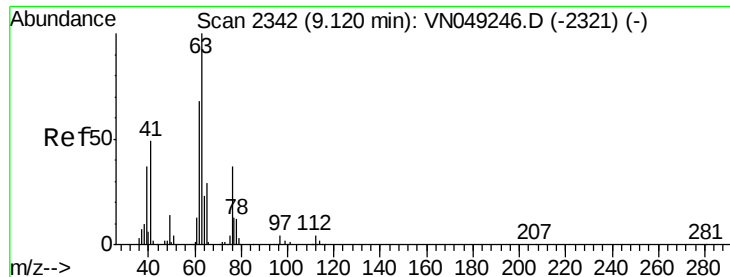
400000

200000

0

Time-->





#39

1,2-Dichloropropane

Concen: 47.02 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. -0.00 min

Lab File: VN049756.D

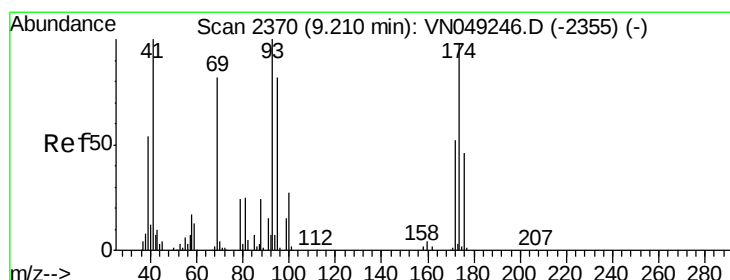
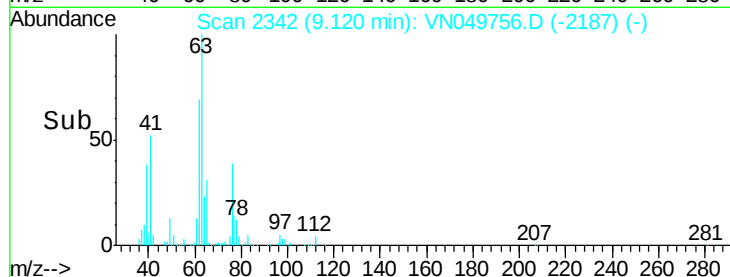
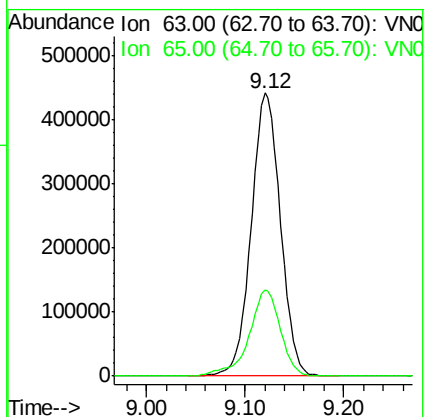
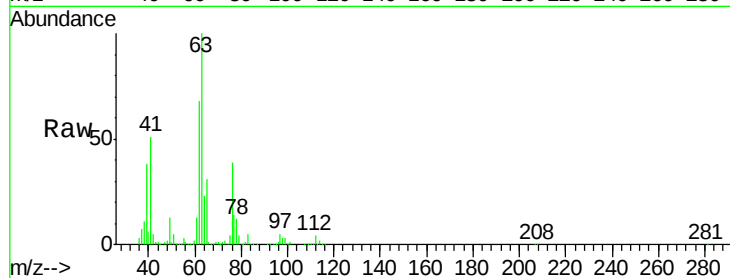
Acq: 11 Jul 2018 11:11

Tot Ion: 63 Resp: 897071

Ion Ratio Lower Upper

63 100

65 30.5 24.2 36.2



#40

Dibromomethane

Concen: 50.52 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN049756.D

Acq: 11 Jul 2018 11:11

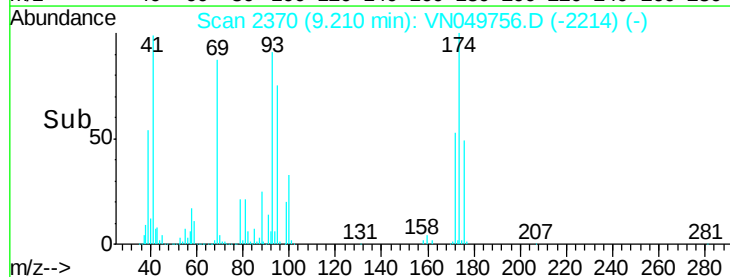
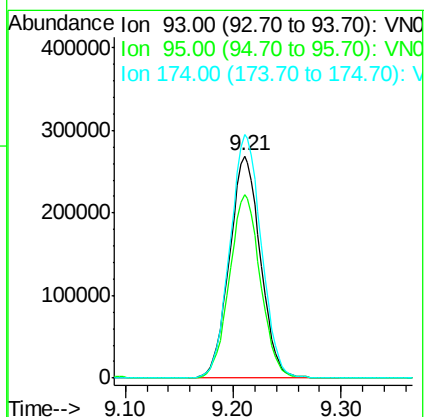
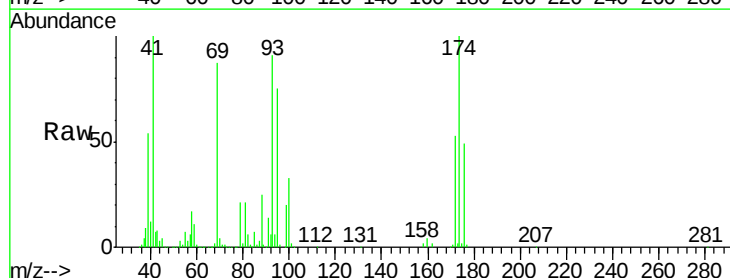
Tgt Ion: 93 Resp: 539607

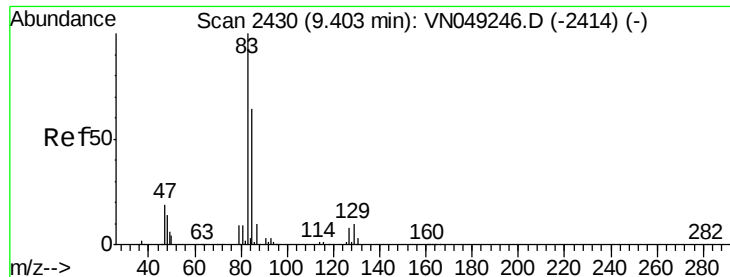
Ion Ratio Lower Upper

93 100

95 82.3 0.0 165.6

174 110.7 0.0 223.2





#41

Bromodichloromethane

Concen: 48.54 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN049756.D

Acq: 11 Jul 2018 11:11

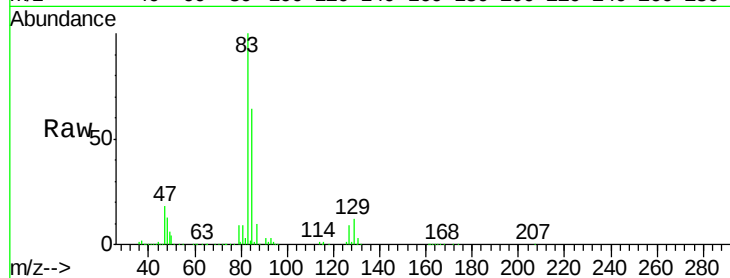
Tot Ion: 83 Resp: 1145017

Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.6	78.8
127	8.7	7.0	10.4

83 100

85 64.4 52.6 78.8

127 8.7 7.0 10.4



Abundance Ion 83.00 (82.70 to 83.70): VN049756.D (-2275) (-)

Ion 85.00 (84.70 to 85.70): VN049756.D (-2275) (-)

Ion 127.00 (126.70 to 127.70): VN049756.D (-2275) (-)

9.41

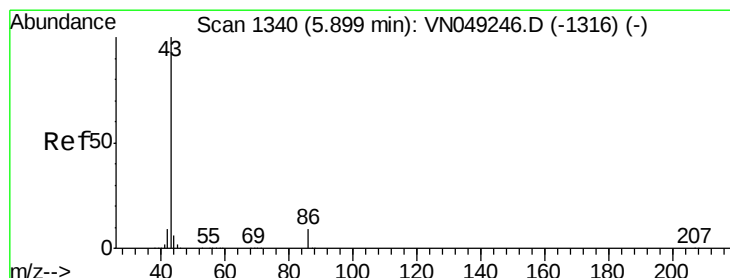
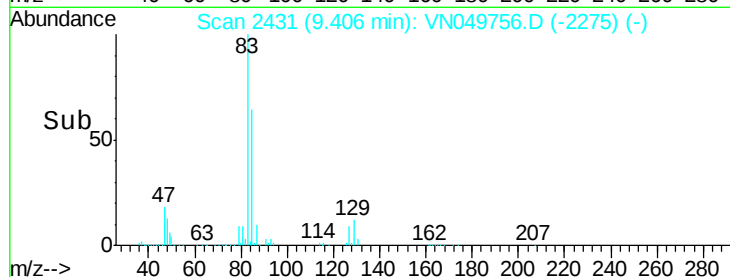
600000

400000

200000

0

Time--> 9.30 9.35 9.40 9.45 9.50



#42

Vinyl Acetate

Concen: 237.65 ug/l

RT: 5.90 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VN049756.D

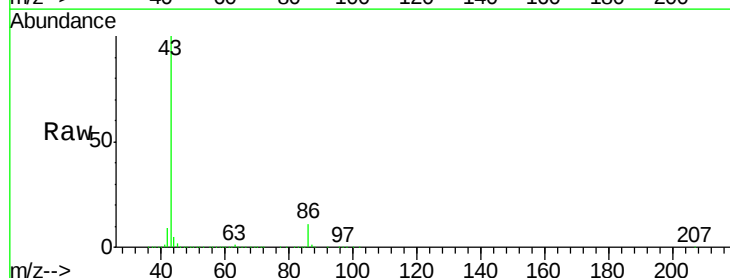
Acq: 11 Jul 2018 11:11

Tgt Ion: 43 Resp: 8689730

Ion	Ratio	Lower	Upper
43	100		
86	9.0	7.3	10.9

43 100

86 9.0 7.3 10.9



Abundance Ion 43.00 (42.70 to 43.70): VN049756.D (-1185) (-)

Ion 86.00 (85.70 to 86.70): VN049756.D (-1185) (-)

5.90

3000000

2500000

2000000

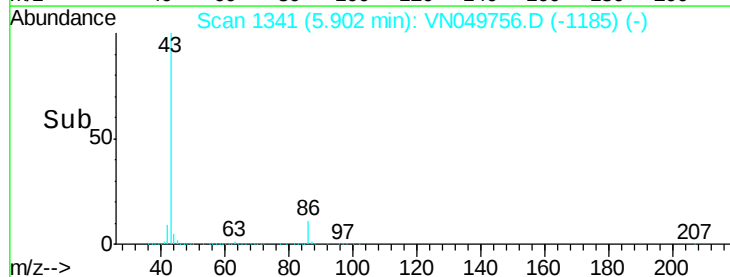
1500000

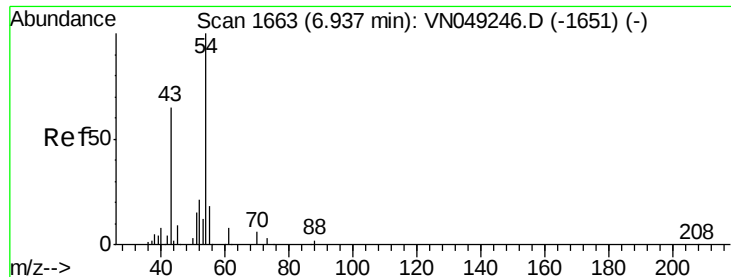
1000000

500000

0

Time--> 5.70 5.80 5.90 6.00 6.10





#43

Ethyl Acetate

Concen: 50.12 ug/l

RT: 6.94 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VN049756.D

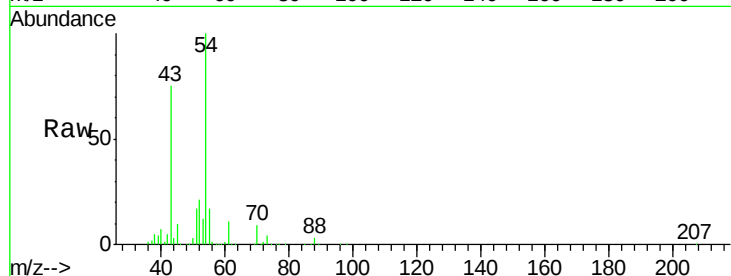
Acq: 11 Jul 2018 11:11

Tot Ion: 43 Resp: 715425

Ion Ratio Lower Upper

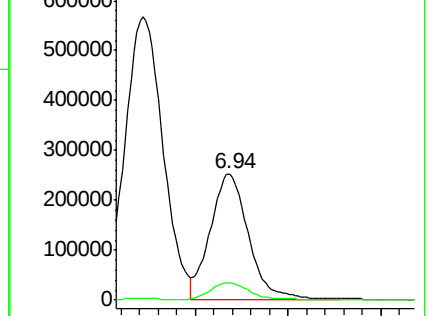
43 100

45 13.0 13.0 19.6

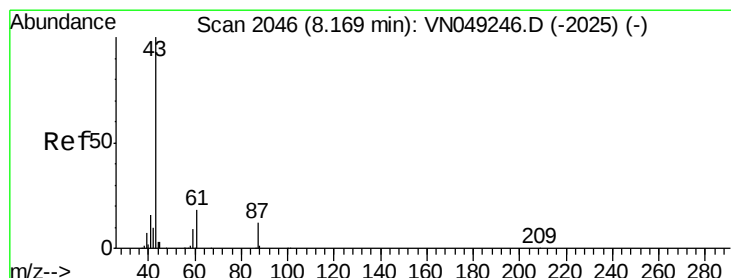
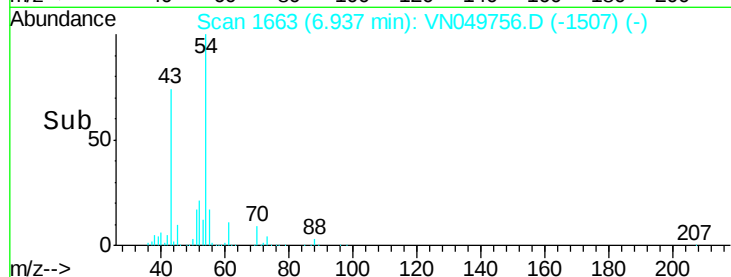


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



Time-->



#44

Isopropyl Acetate

Concen: 47.05 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN049756.D

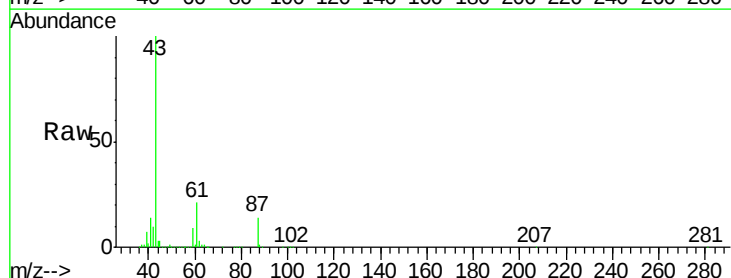
Acq: 11 Jul 2018 11:11

Tgt Ion: 43 Resp: 1282674

Ion Ratio Lower Upper

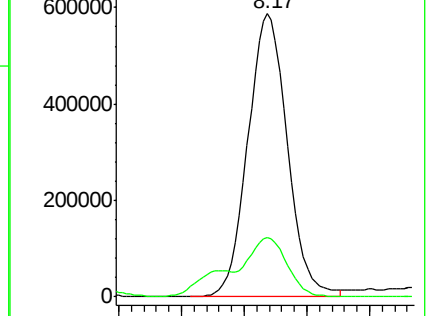
43 100

61 20.1 16.4 24.6

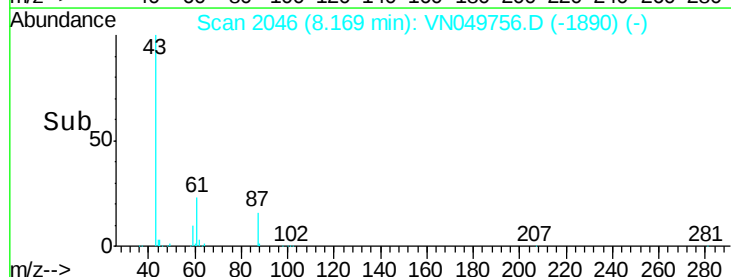


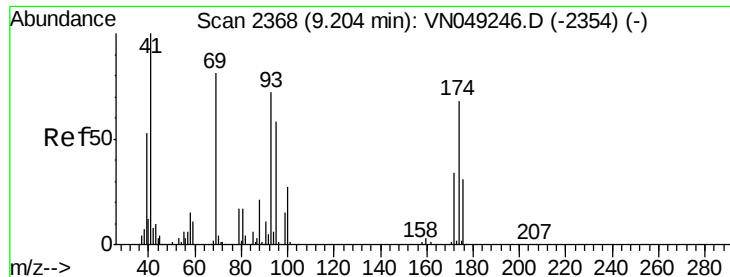
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



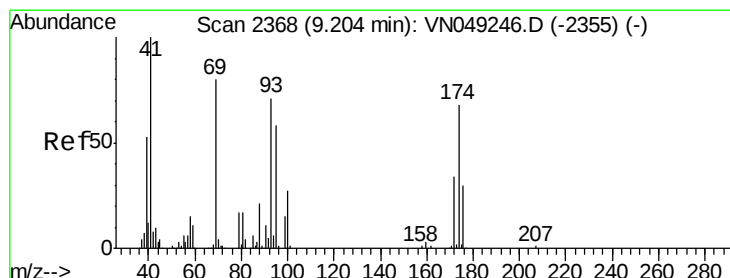
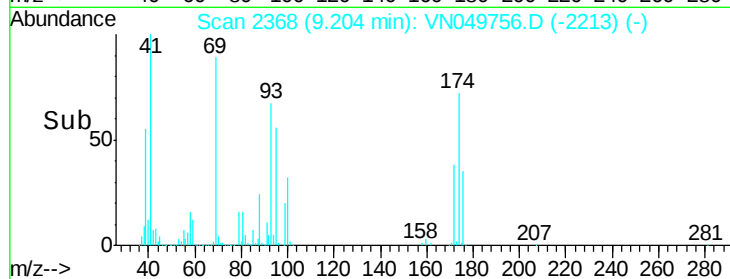
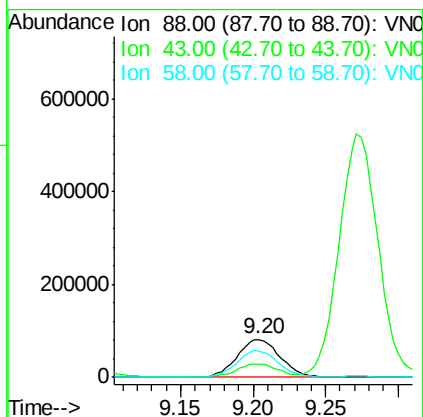
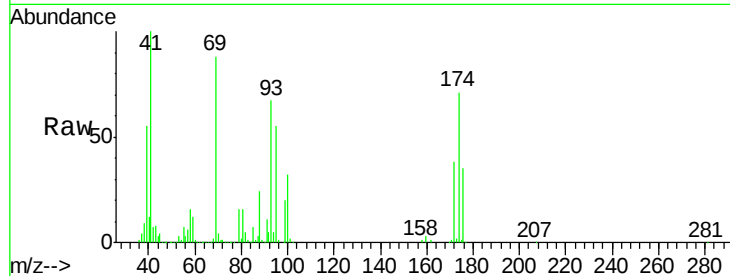
Time-->





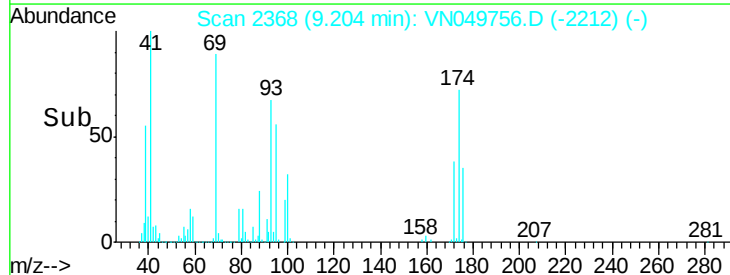
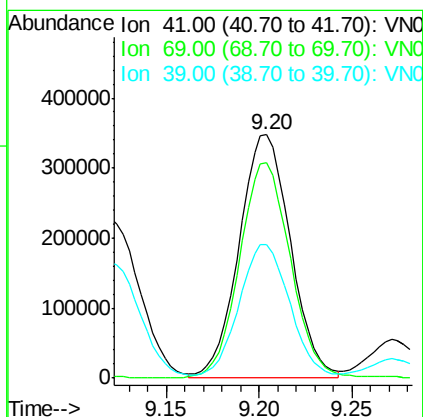
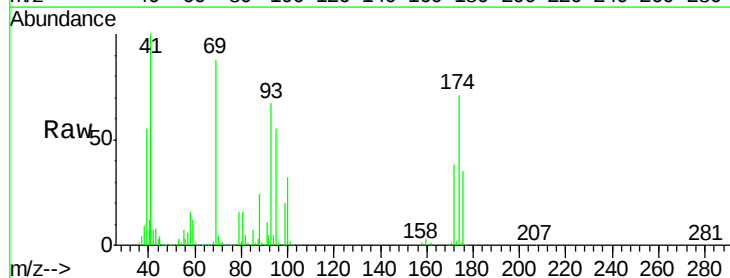
#45
 1,4-Dioxane
 Concen: 1095.67 ug/l
 RT: 9.20 min Scan# 2368
 Delta R.T. -0.00 min
 Lab File: VN049756.D
 Acq: 11 Jul 2018 11:11

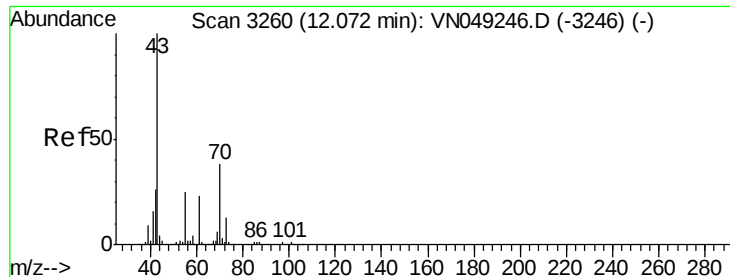
Tot Ion	88	Resp	170020
Ion	Ratio	Lower	Upper
88	100		
43	32.3	26.9	40.3
58	68.6	53.6	80.4



#46
 Methyl methacrylate
 Concen: 51.54 ug/l
 RT: 9.20 min Scan# 2368
 Delta R.T. 0.00 min
 Lab File: VN049756.D
 Acq: 11 Jul 2018 11:11

Tgt Ion	41	Resp	664944
Ion	Ratio	Lower	Upper
41	100		
69	89.6	44.0	132.1
39	54.6	27.0	80.8





#47

n-amyl Acetate

Concen: 51.56 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049756.D

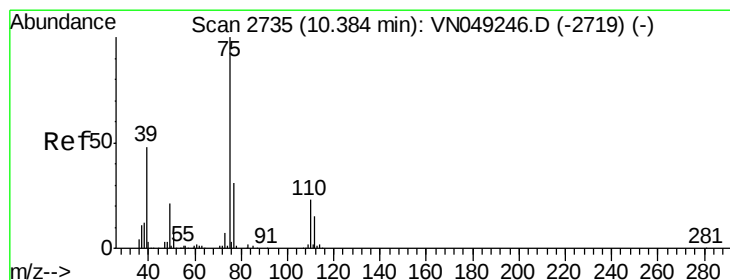
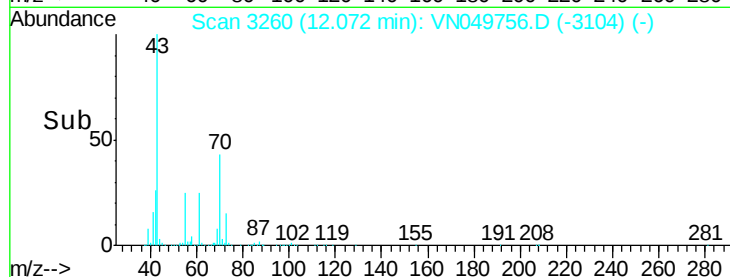
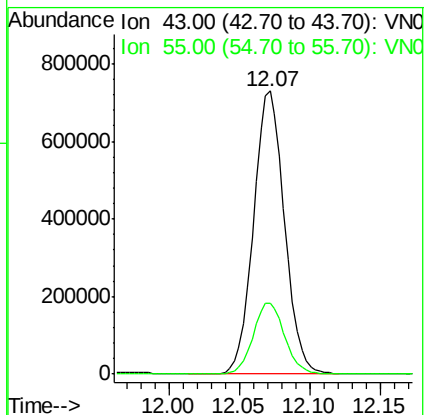
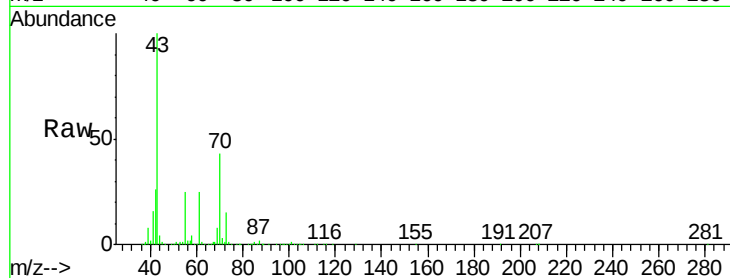
Acq: 11 Jul 2018 11:11

Tot Ion: 43 Resp: 1117784

Ion Ratio Lower Upper

43 100

55 25.6 21.0 31.4



#48

t-1,3-Dichloropropene

Concen: 51.12 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN049756.D

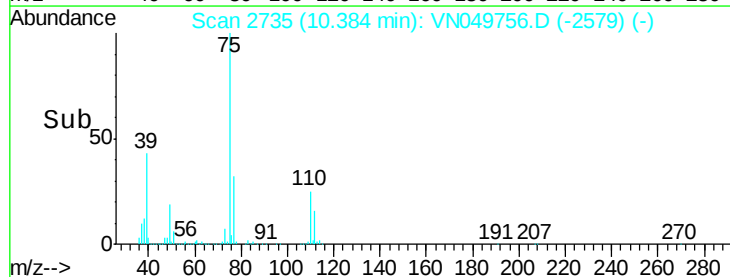
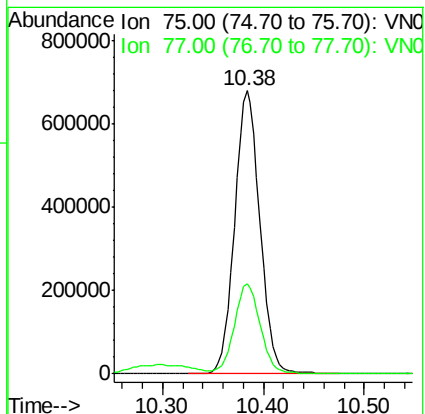
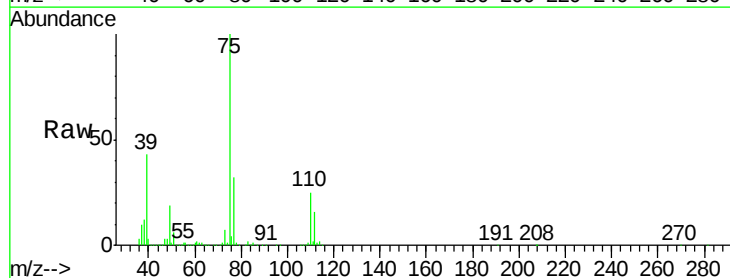
Acq: 11 Jul 2018 11:11

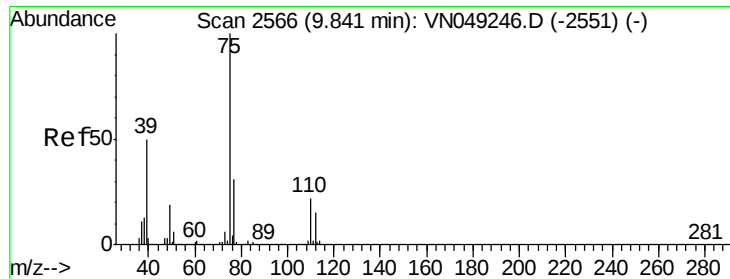
Tgt Ion: 75 Resp: 1177804

Ion Ratio Lower Upper

75 100

77 31.6 24.6 37.0

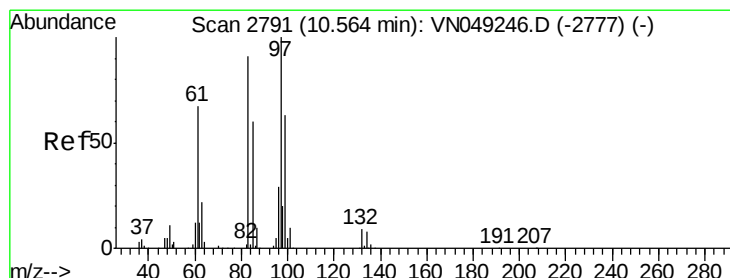
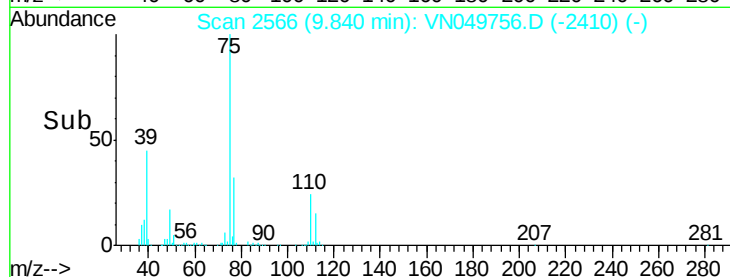
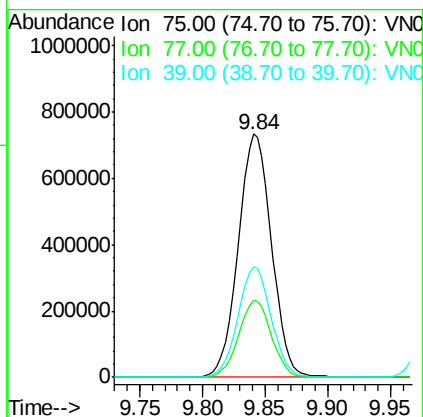
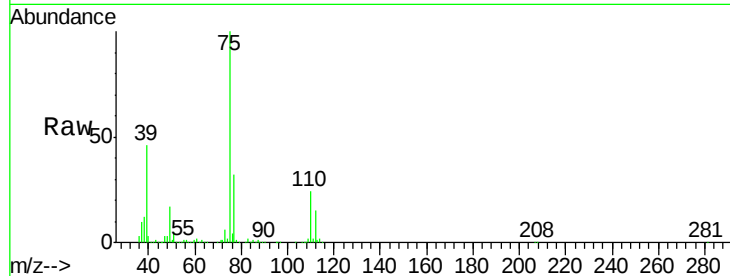




#49

cis-1,3-Dichloropropene
Concen: 50.37 ug/l
RT: 9.84 min Scan# 2566
Delta R.T. 0.00 min
Lab File: VN049756.D
Acq: 11 Jul 2018 11:11

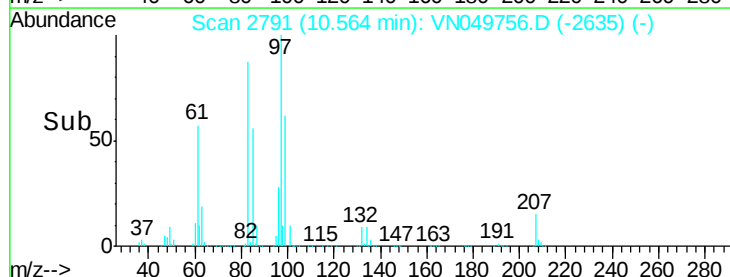
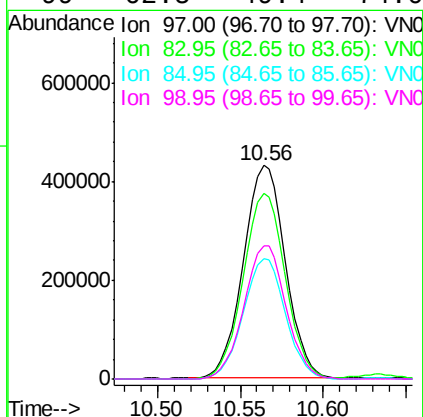
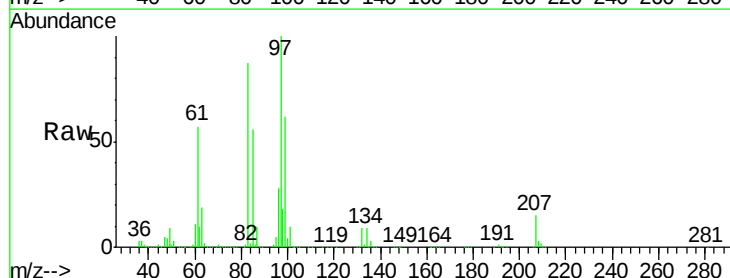
Tot Ion	75	Resp	1349737
Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.7	38.5
39	45.5	36.3	54.5

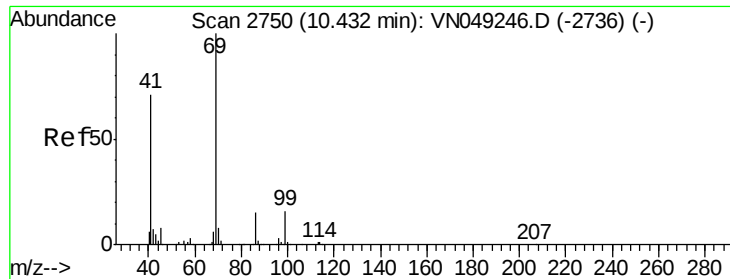


#50

1,1,2-Trichloroethane
Concen: 49.96 ug/l
RT: 10.56 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN049756.D
Acq: 11 Jul 2018 11:11

Tgt Ion	97	Resp	762282
Ion	Ratio	Lower	Upper
97	100		
83	87.3	68.1	102.1
85	56.6	45.4	68.2
99	62.5	49.4	74.0





#51

Ethyl methacrylate

Concen: 52.37 ug/l

RT: 10.43 min Scan# 2750

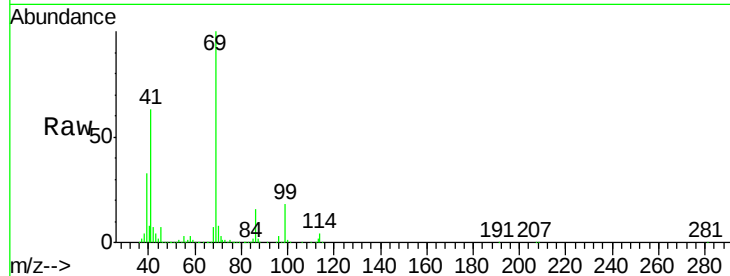
Delta R.T. 0.00 min

Lab File: VN049756.D

Acq: 11 Jul 2018 11:11

Tot Ion: 69 Resp: 993270

Ion	Ratio	Lower	Upper
69	100		
41	62.6	31.9	95.9
39	33.0	16.7	50.1

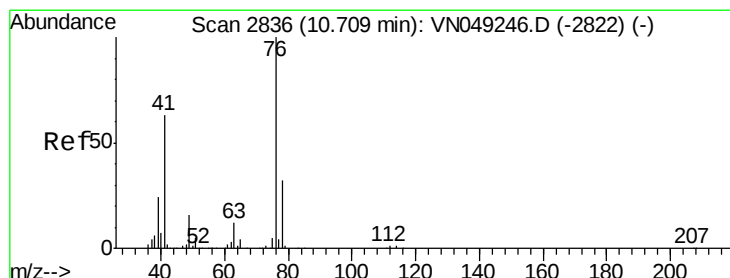
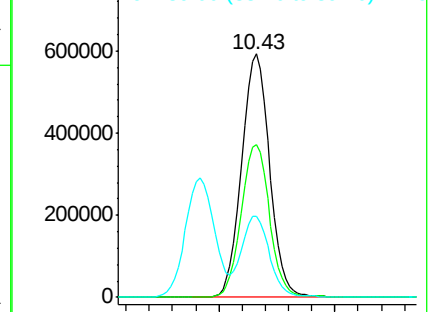
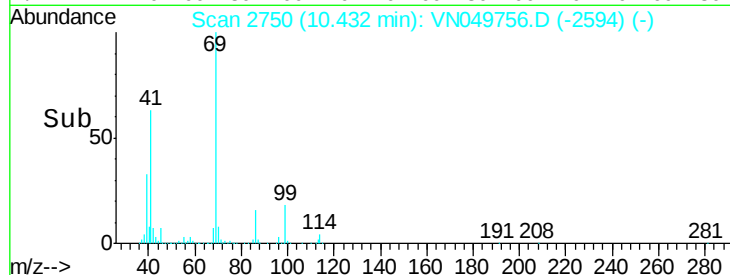


Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#52

1,3-Dichloropropane

Concen: 49.65 ug/l

RT: 10.71 min Scan# 2836

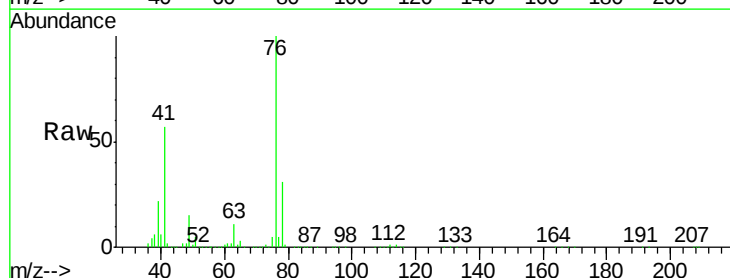
Delta R.T. 0.00 min

Lab File: VN049756.D

Acq: 11 Jul 2018 11:11

Tgt Ion: 76 Resp: 1287003

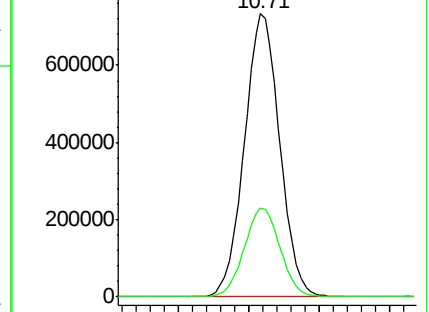
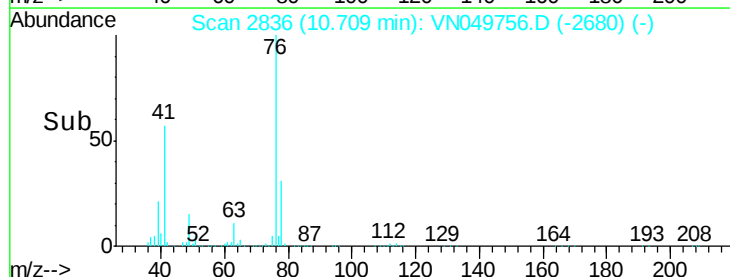
Ion	Ratio	Lower	Upper
76	100		
78	32.0	0.0	65.6

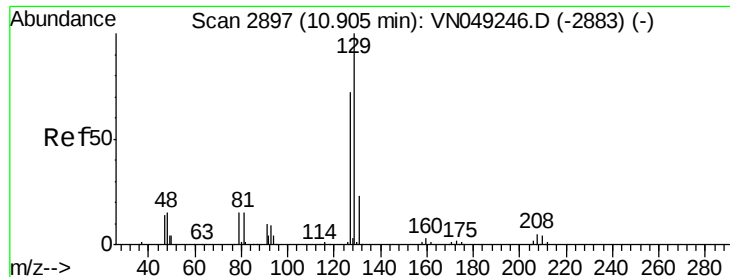


Abundance

Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0





#53

Dibromochloromethane

Concen: 52.14 ug/l

RT: 10.90 min Scan# 2897

Delta R.T. 0.00 min

Lab File: VN049756.D

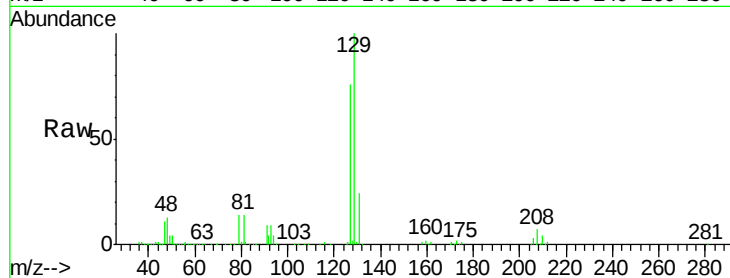
Acq: 11 Jul 2018 11:11

Tot Ion:129 Resp: 884608

Ion Ratio Lower Upper

129 100

127 76.6 38.1 114.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

10.90

500000

400000

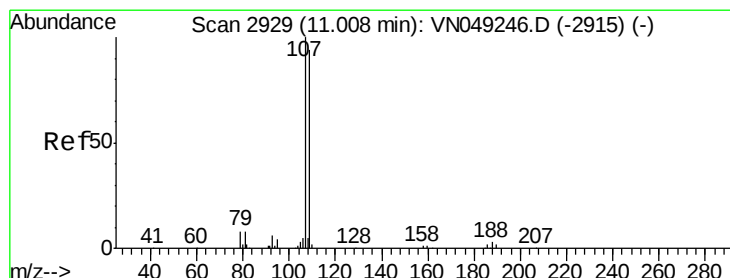
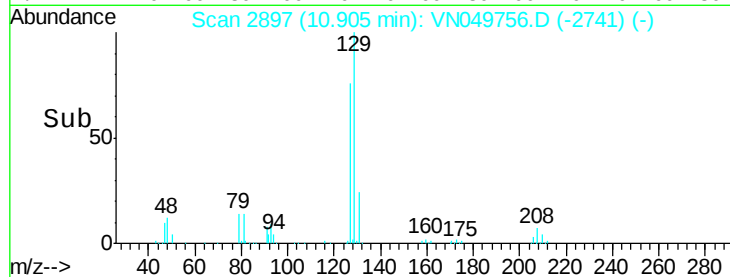
300000

200000

100000

0

Time--> 10.80 10.90 11.00



#54

1,2-Dibromoethane

Concen: 53.18 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VN049756.D

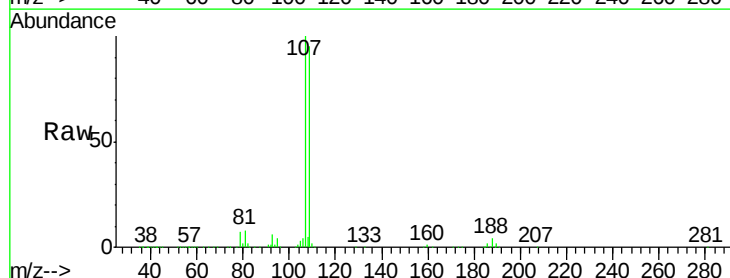
Acq: 11 Jul 2018 11:11

Tgt Ion:107 Resp: 757150

Ion Ratio Lower Upper

107 100

109 95.0 76.2 114.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

11.01

500000

400000

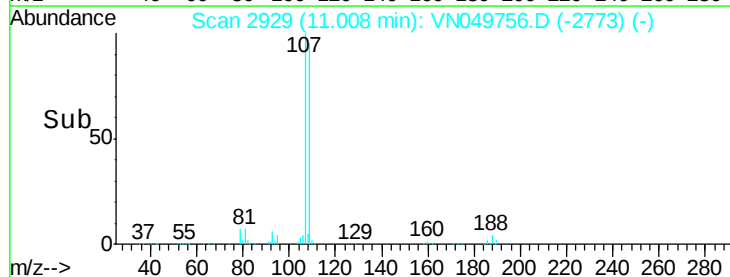
300000

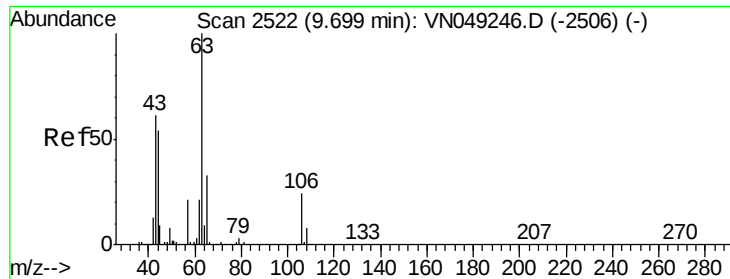
200000

100000

0

Time--> 10.95 11.00 11.05





#55

2-Chloroethyl vinyl ether

Concen: 378.03 ug/l

RT: 9.70 min Scan# 2522

Delta R.T. 0.00 min

Lab File: VN049756.D

Acq: 11 Jul 2018 11:11

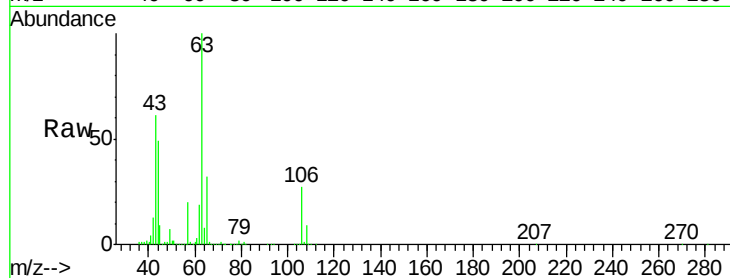
Tot Ion: 63 Resp: 2527565

Ion	Ratio	Lower	Upper
63	100		
65	32.0	25.5	38.3
106	27.0	21.8	32.6

63 100

65 32.0 25.5 38.3

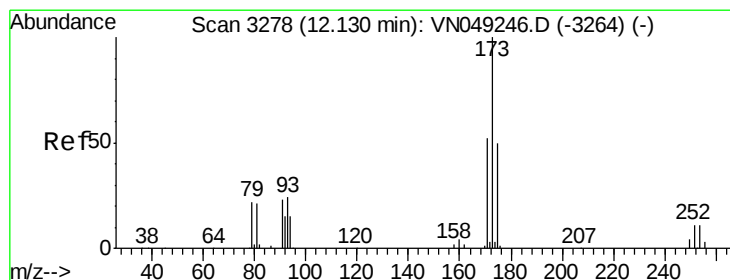
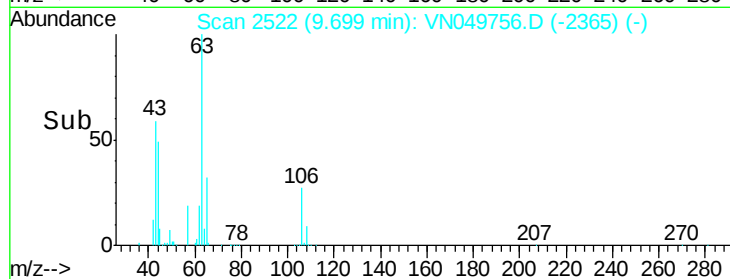
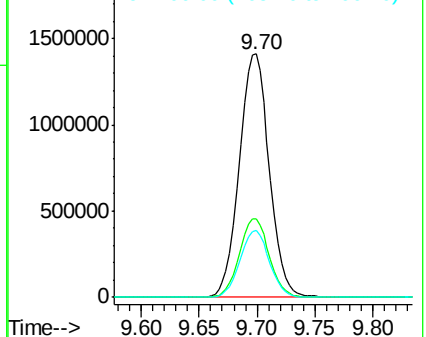
106 27.0 21.8 32.6



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: 56.50 ug/l

RT: 12.13 min Scan# 3278

Delta R.T. 0.00 min

Lab File: VN049756.D

Acq: 11 Jul 2018 11:11

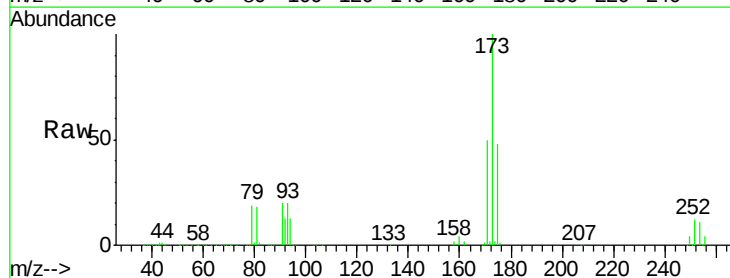
Tgt Ion: 173 Resp: 617060

Ion	Ratio	Lower	Upper
173	100		
175	48.7	38.6	57.8
254	11.5	8.8	13.2

173 100

175 48.7 38.6 57.8

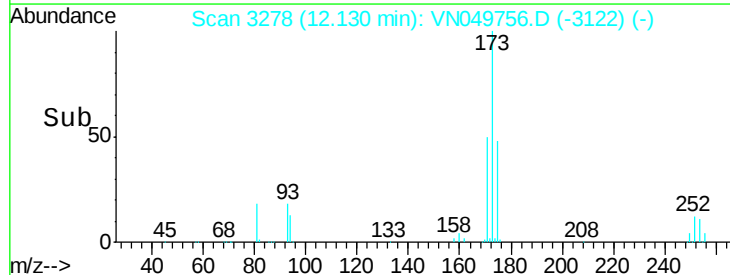
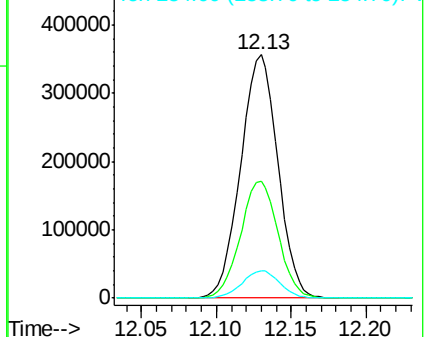
254 11.5 8.8 13.2

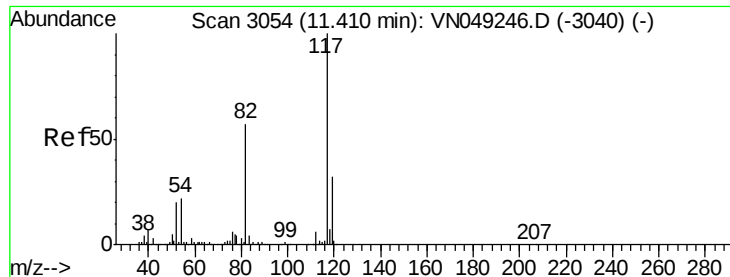


Abundance Ion 173.00 (172.70 to 173.70): VN049246.D (-3264) (-)

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

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

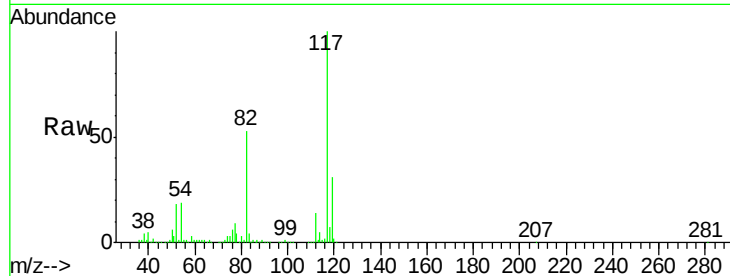




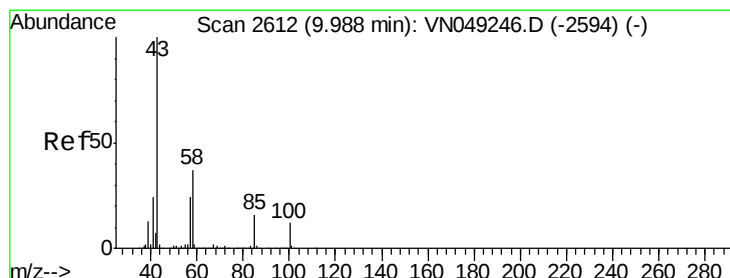
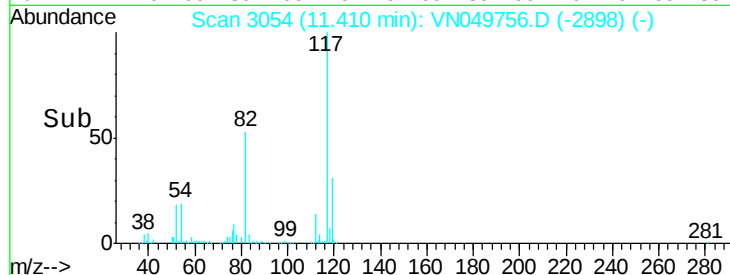
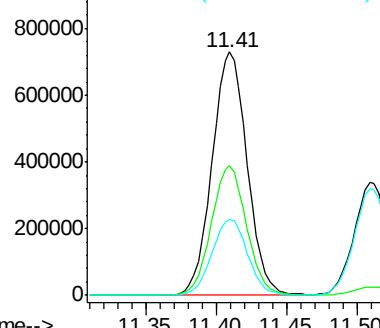
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049756.D
Acq: 11 Jul 2018 11:11

Tot Ion:117 Resp: 1272372

Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.4	63.6
119	31.8	25.4	38.0



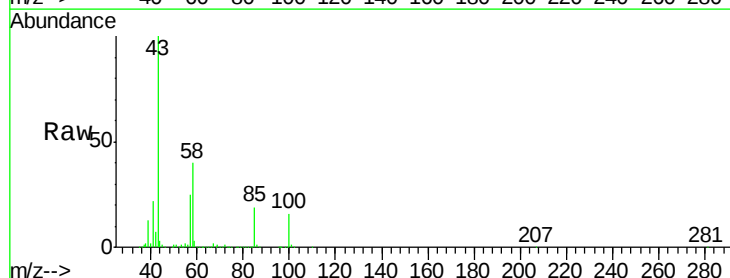
Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



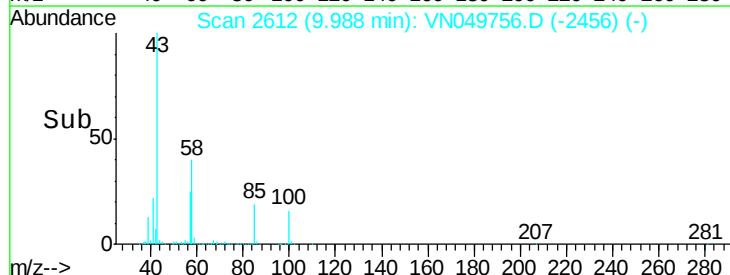
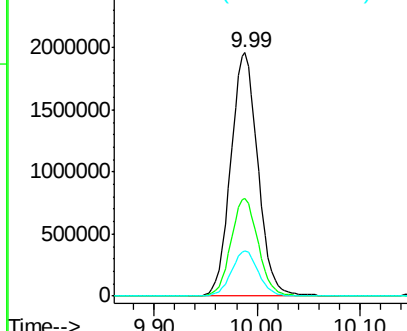
#58
4-Methyl-2-Pentanone
Concen: 250.08 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN049756.D
Acq: 11 Jul 2018 11:11

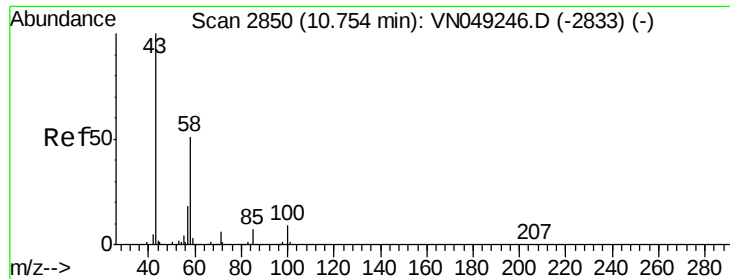
Tgt Ion: 43 Resp: 3593686

Ion	Ratio	Lower	Upper
43	100		
58	40.2	31.2	46.8
85	18.4	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

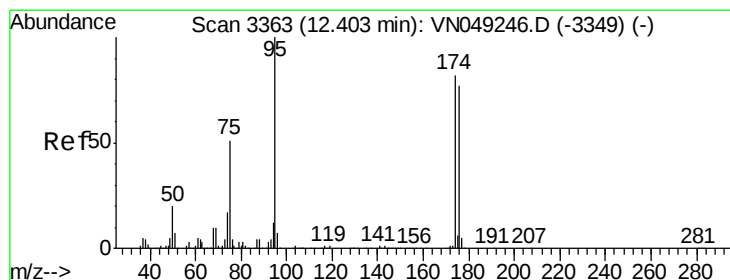
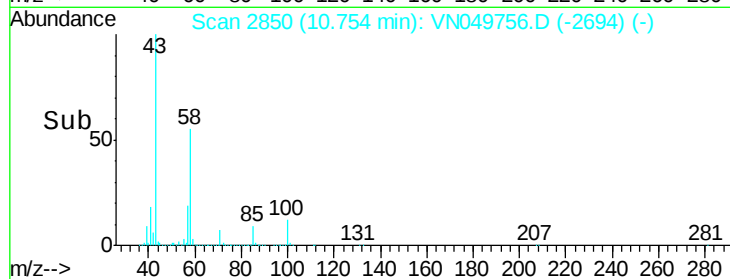
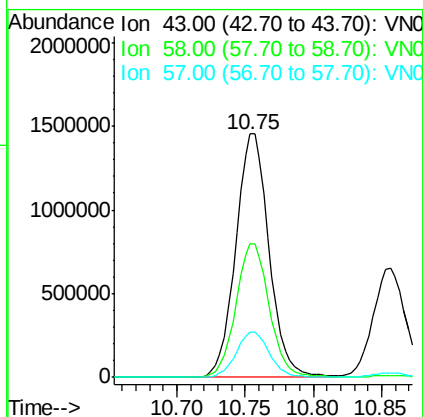
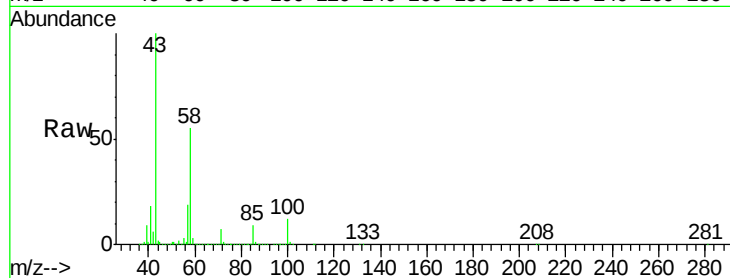




#59
2-Hexanone
Concen: 270.02 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049756.D
Acq: 11 Jul 2018 11:11

Tot Ion: 43 Resp: 2455883

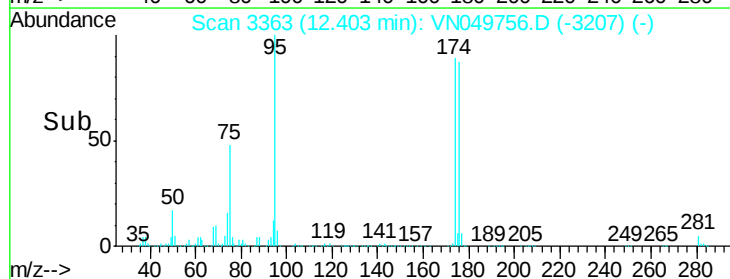
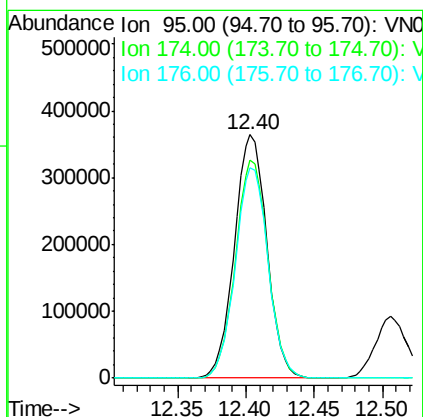
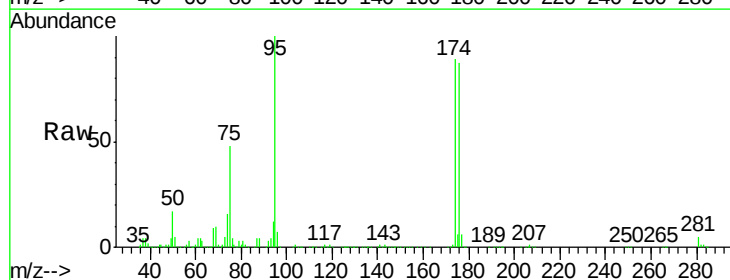
Ion	Ratio	Lower	Upper
43	100		
58	55.4	43.8	65.8
57	18.9	15.1	22.7

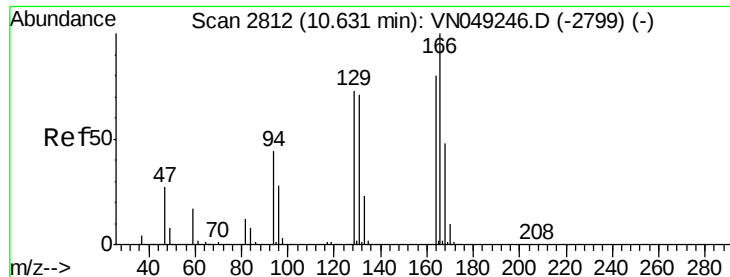


#60
4-Bromofluorobenzene
Concen: 30.05 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049756.D
Acq: 11 Jul 2018 11:11

Tgt Ion: 95 Resp: 600418

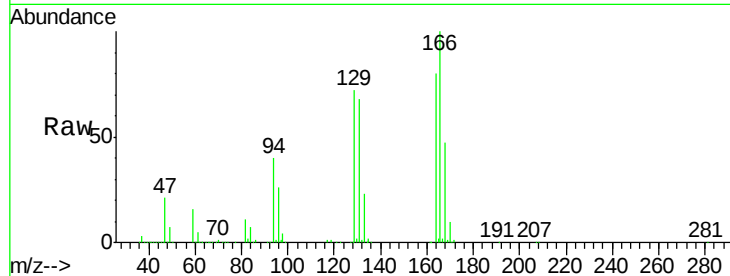
Ion	Ratio	Lower	Upper
95	100		
174	89.6	72.3	108.5
176	87.2	70.0	105.0



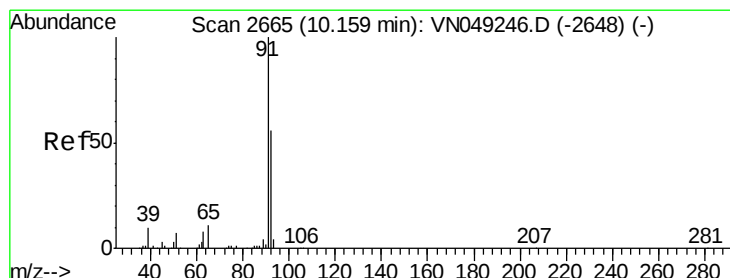
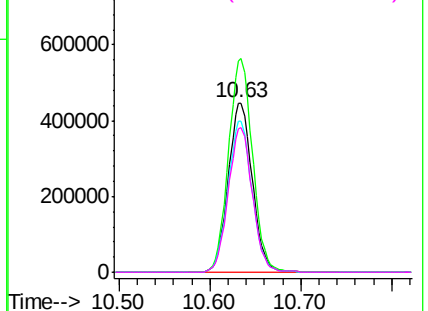
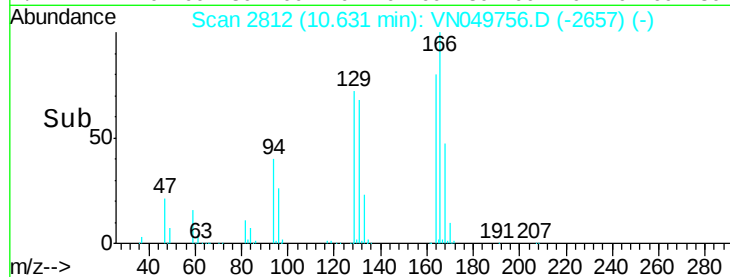


#61
Tetrachloroethene
Concen: 49.29 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN049756.D
Acq: 11 Jul 2018 11:11

Tot Ion:164 Resp: 819782
Ion Ratio Lower Upper
164 100
166 124.6 100.0 150.0
129 89.3 69.3 103.9
131 84.6 68.8 103.2

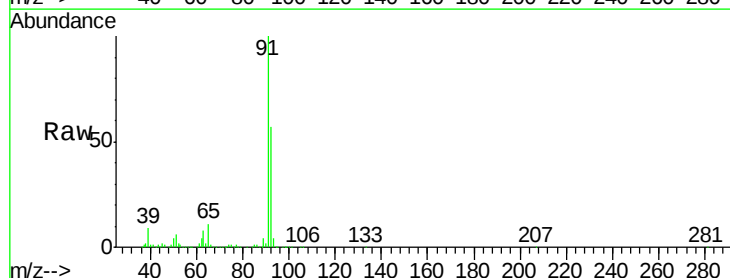


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

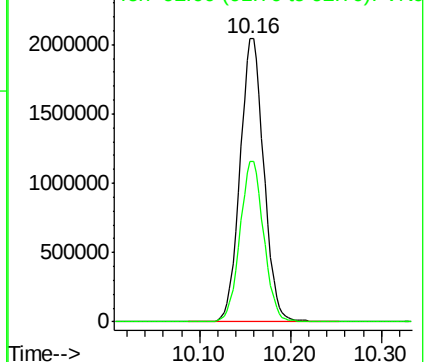
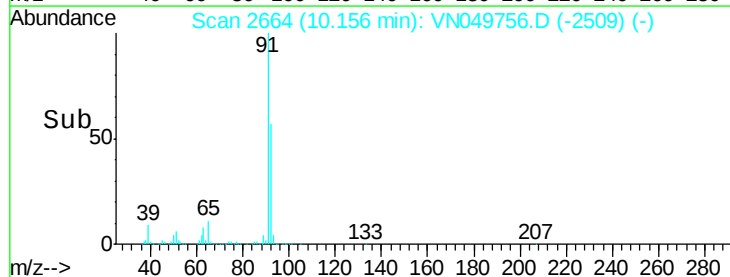


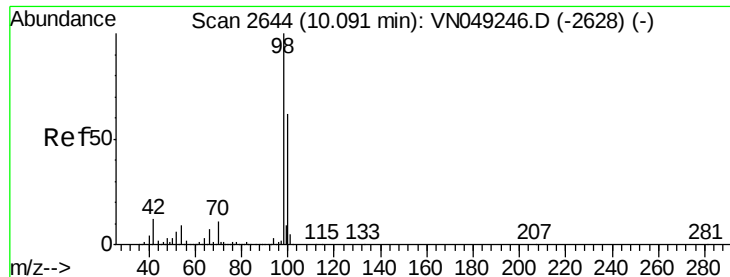
#62
Toluene
Concen: 50.31 ug/l
RT: 10.16 min Scan# 2664
Delta R.T. -0.00 min
Lab File: VN049756.D
Acq: 11 Jul 2018 11:11

Tgt Ion: 91 Resp: 3709862
Ion Ratio Lower Upper
91 100
92 56.6 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: 29.21 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN049756.D

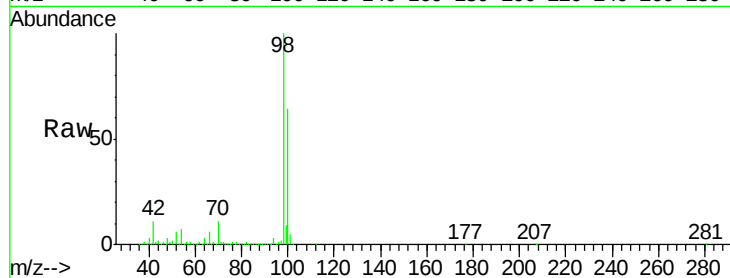
Acq: 11 Jul 2018 11:11

Tot Ion: 98 Resp: 1782849

Ion Ratio Lower Upper

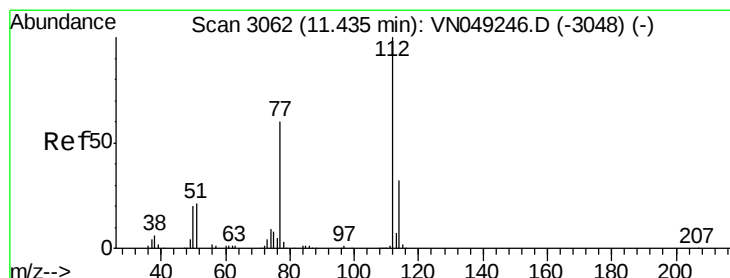
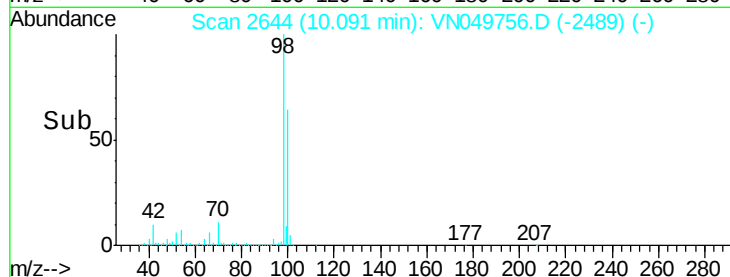
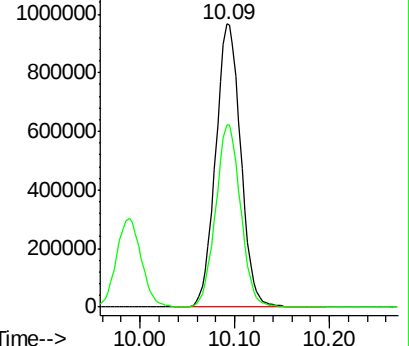
98 100

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): VN049756.D (-2489) (-)



#64

Chlorobenzene

Concen: 52.06 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049756.D

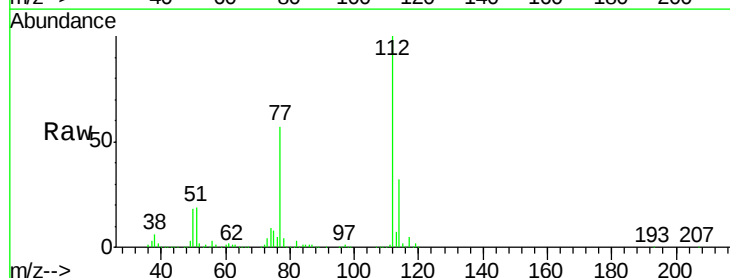
Acq: 11 Jul 2018 11:11

Tgt Ion: 112 Resp: 2268022

Ion Ratio Lower Upper

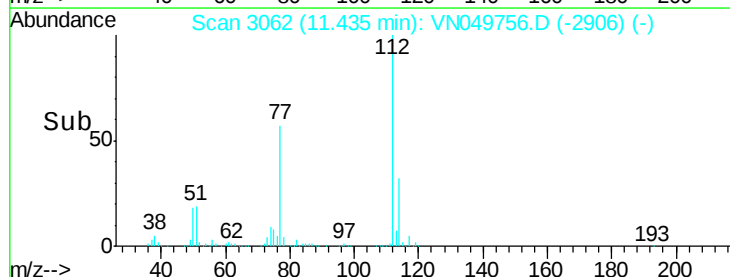
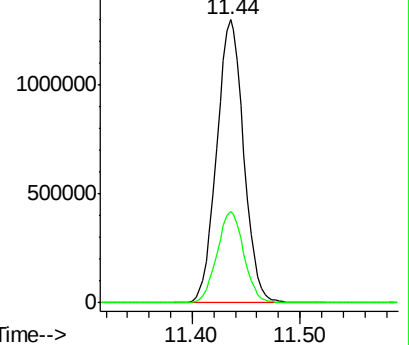
112 100

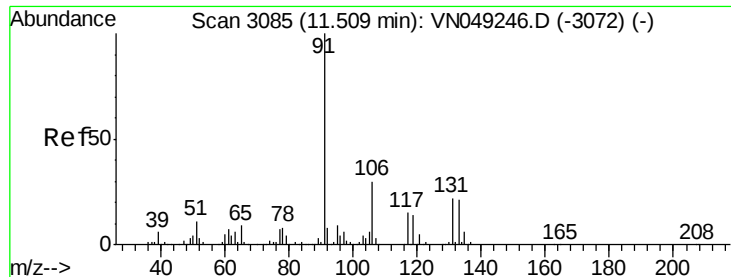
114 32.4 26.2 39.2



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

Ion 114.00 (113.70 to 114.70): VN049756.D (-2906) (-)





#65

1,1,1,2-Tetrachloroethane

Concen: 52.31 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. 0.00 min

Lab File: VN049756.D

Acq: 11 Jul 2018 11:11

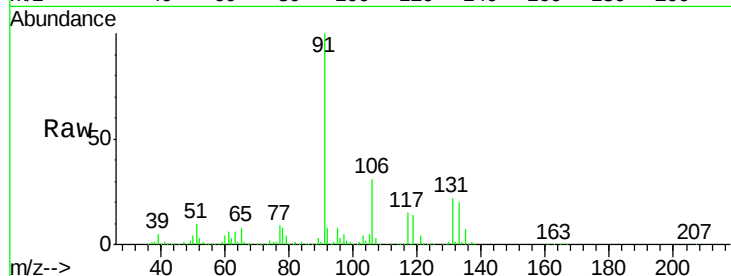
Tot Ion:131 Resp: 857372

Ion Ratio Lower Upper

131 100

133 95.3 0.0 190.0

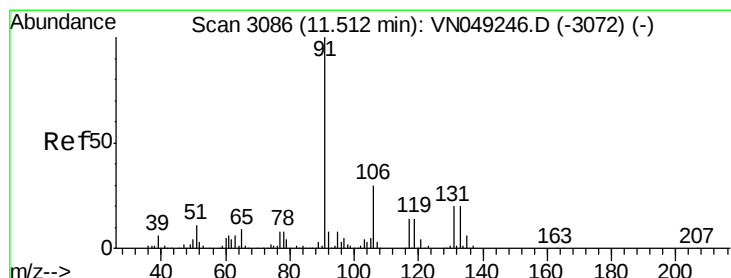
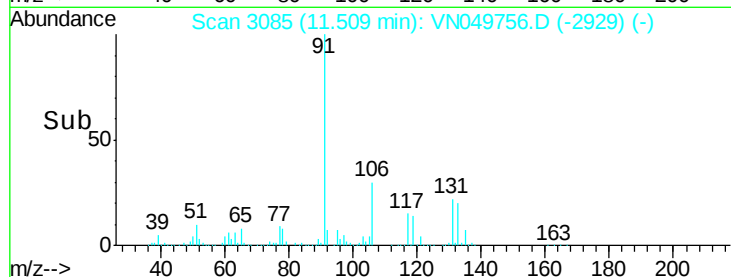
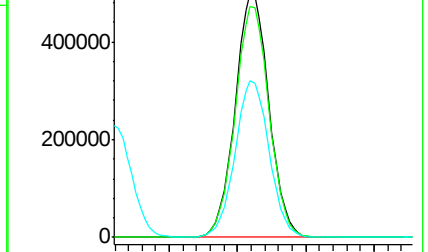
119 64.7 0.0 131.6



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: 51.85 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049756.D

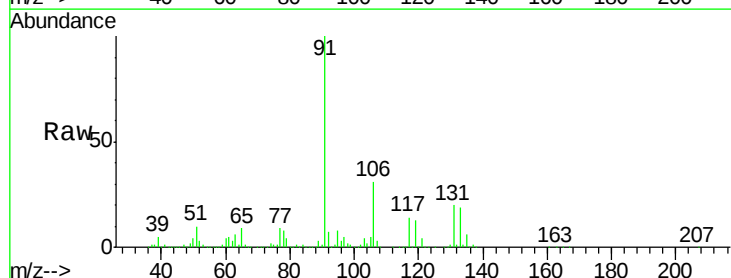
Acq: 11 Jul 2018 11:11

Tgt Ion: 91 Resp: 3970134

Ion Ratio Lower Upper

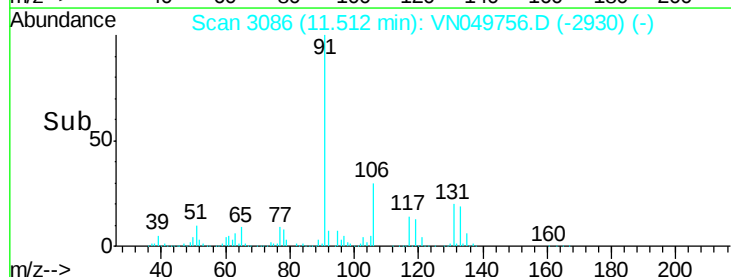
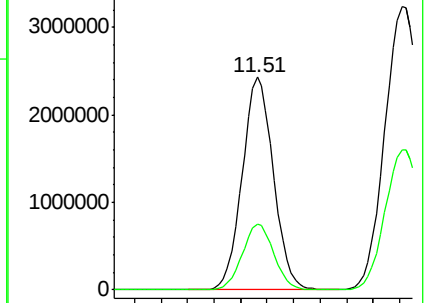
91 100

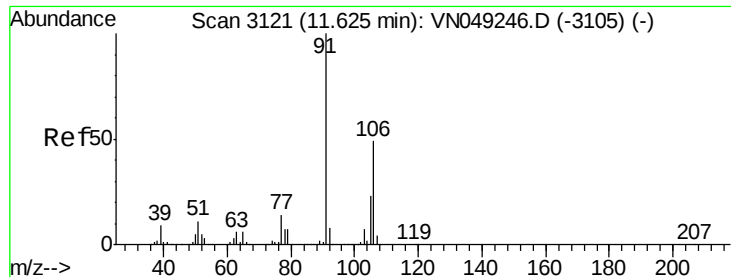
106 31.0 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xvlenes

Concen: 106.76 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.00 min

Lab File: VN049756.D

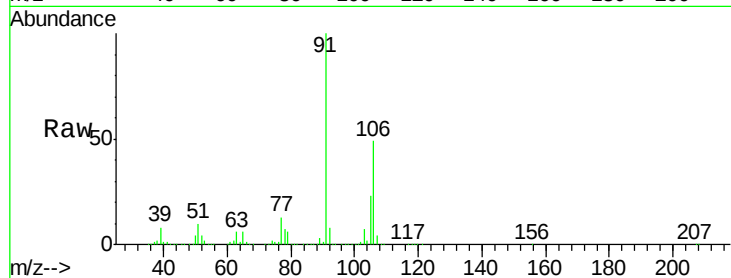
Acq: 11 Jul 2018 11:11

Tot Ion:106 Resp: 3061655

Ion Ratio Lower Upper

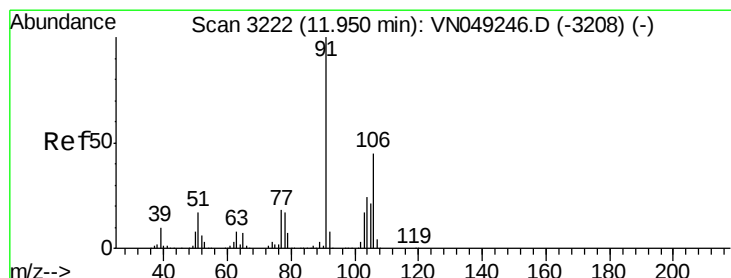
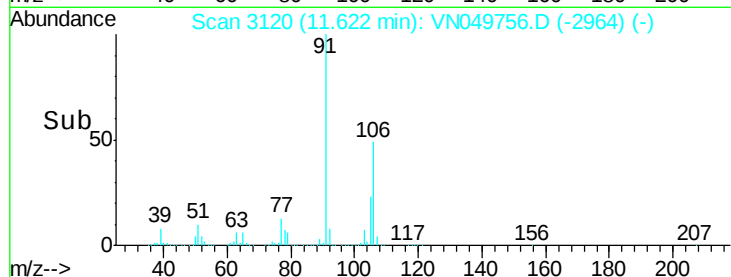
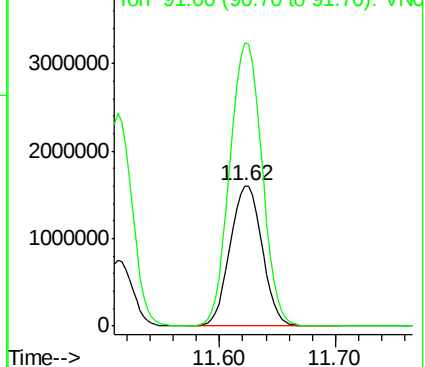
106 100

91 203.2 162.5 243.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#68

o-Xylene

Concen: 52.64 ug/l

RT: 11.95 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN049756.D

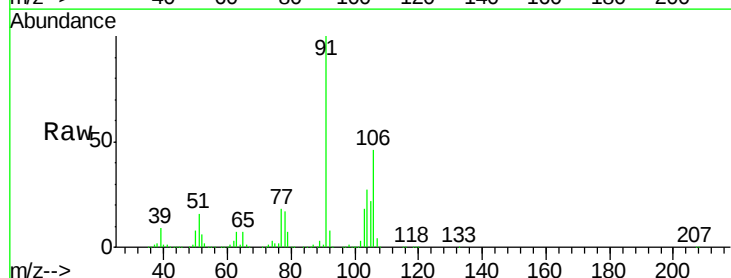
Acq: 11 Jul 2018 11:11

Tgt Ion:106 Resp: 1463182

Ion Ratio Lower Upper

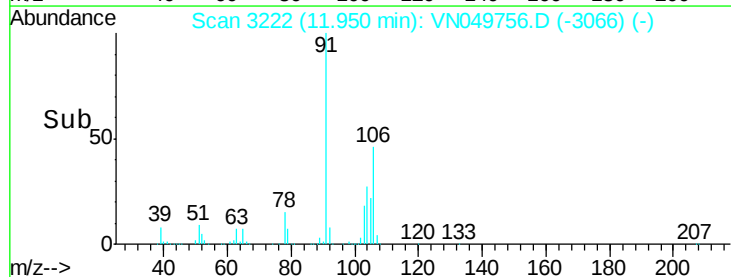
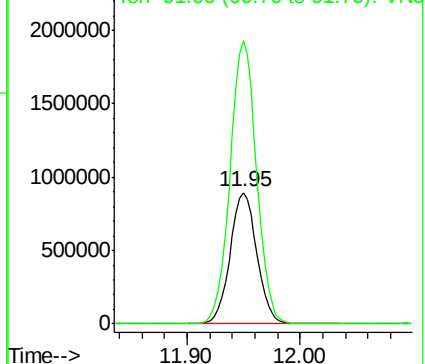
106 100

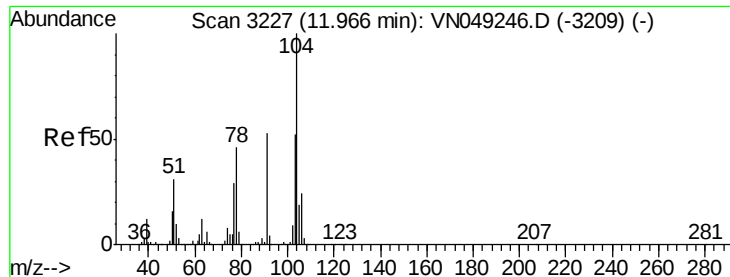
91 214.0 106.8 320.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

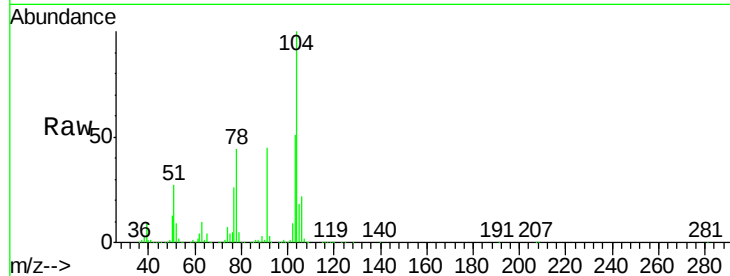




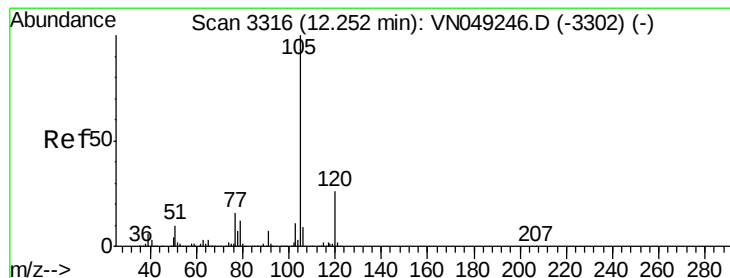
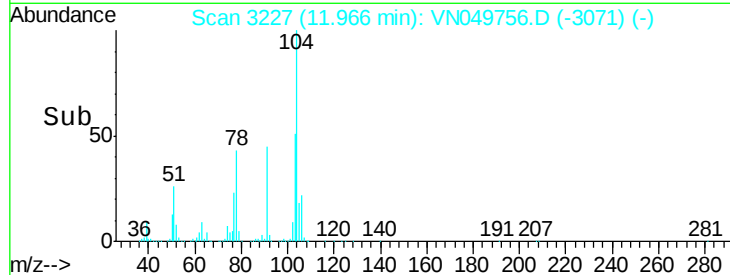
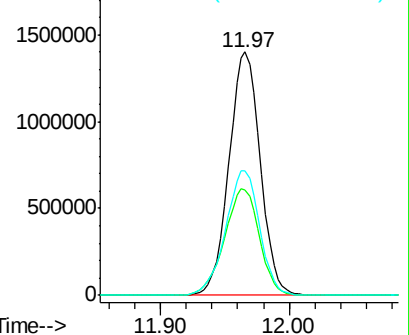
#69
Stvrene
Concen: 53.53 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049756.D
Acq: 11 Jul 2018 11:11

Tot Ion:104 Resp: 2371646

Ion	Ratio	Lower	Upper
104	100		
78	48.8	39.3	58.9
103	55.5	44.5	66.7



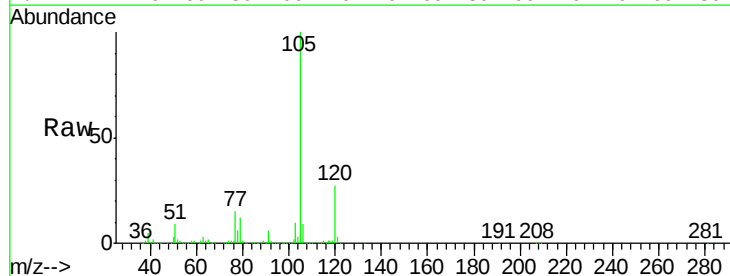
Abundance Ion 104.00 (103.70 to 104.70): V
 Ion 78.00 (77.70 to 78.70): V
 Ion 103.00 (102.70 to 103.70): V



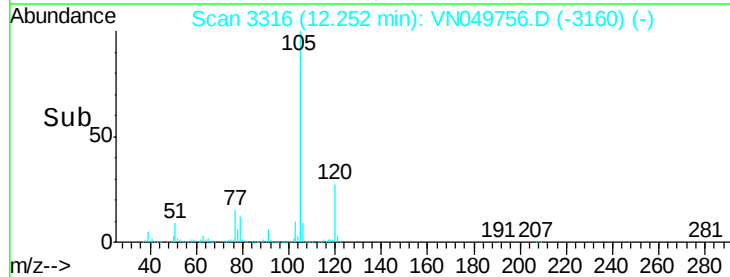
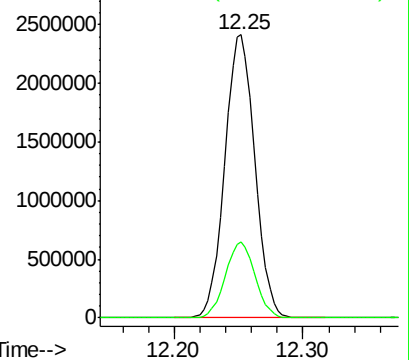
#70
Isopropylbenzene
Concen: 52.95 ug/l
RT: 12.25 min Scan# 3316
Delta R.T. 0.00 min
Lab File: VN049756.D
Acq: 11 Jul 2018 11:11

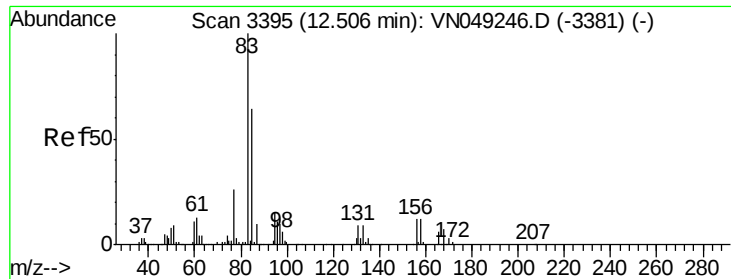
Tgt Ion:105 Resp: 3899431

Ion	Ratio	Lower	Upper
105	100		
120	26.6	18.9	35.1



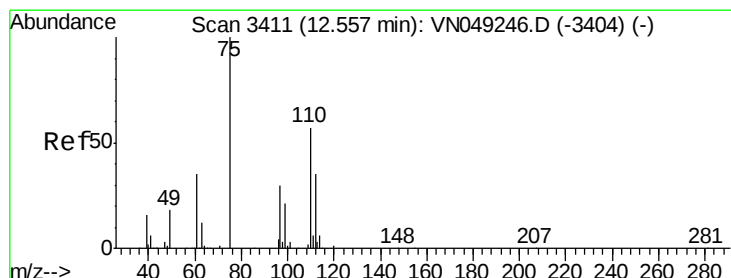
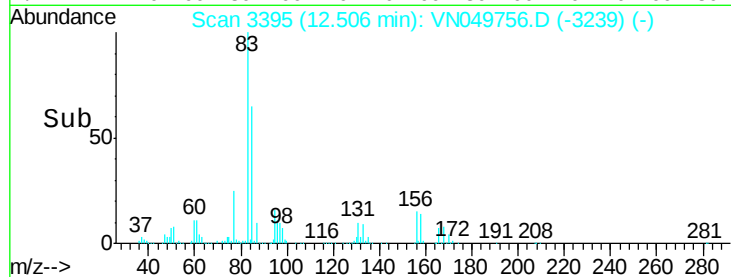
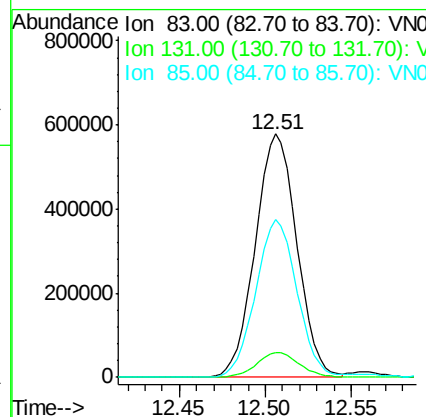
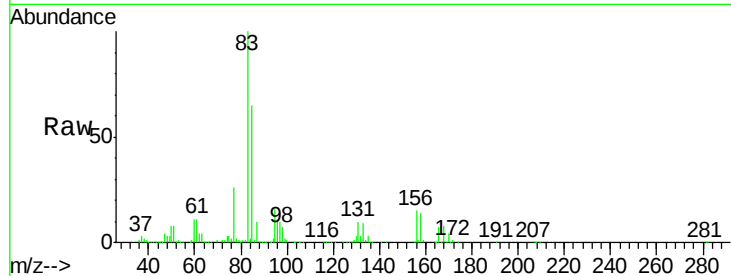
Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





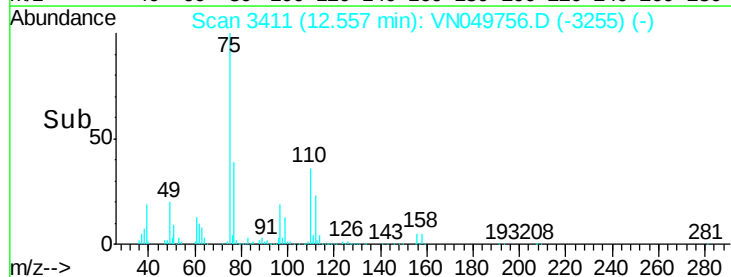
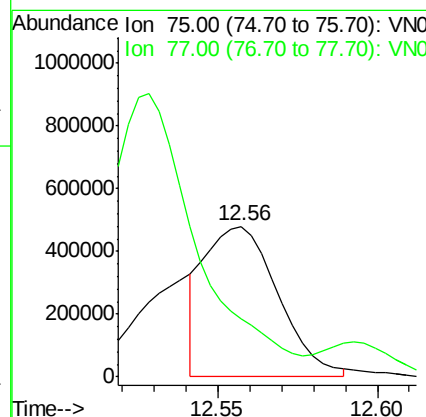
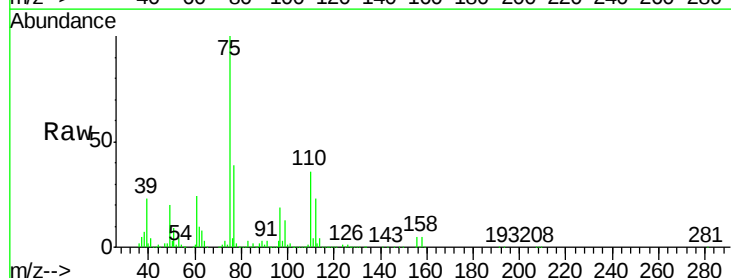
#71
 1,1,2,2-Tetrachloroethane
 Concen: 53.67 ug/l
 RT: 12.51 min Scan# 3395
 Delta R.T. 0.00 min
 Lab File: VN049756.D
 Acq: 11 Jul 2018 11:11

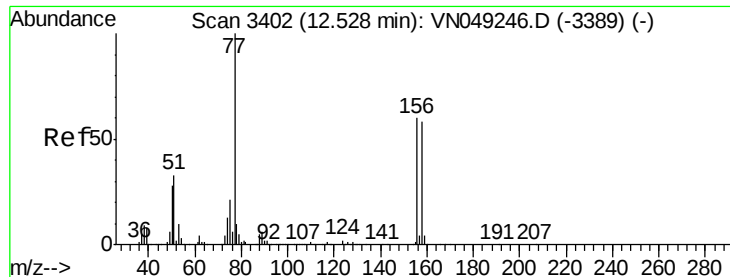
Tot Ion	83	Resp	969821
Ion Ratio	100		
Lower	5.2		
Upper	15.6		
85	64.4		95.1



#72
 1,2,3-Trichloropropane
 Concen: 52.72 ug/l m
 RT: 12.56 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN049756.D
 Acq: 11 Jul 2018 11:11

Tgt Ion	75	Resp	771075
Ion Ratio	100		
Lower	0.0		
Upper	454.4		
77	233.0		





#73

Bromobenzene

Concen: 56.11 ug/l

RT: 12.53 min Scan# 3402

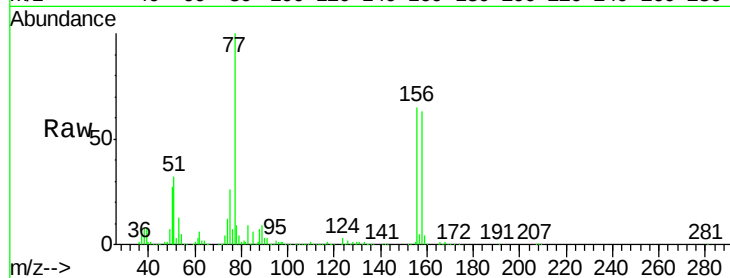
Delta R.T. 0.00 min

Lab File: VN049756.D

Acq: 11 Jul 2018 11:11

Tot Ion:156 Resp: 1005194

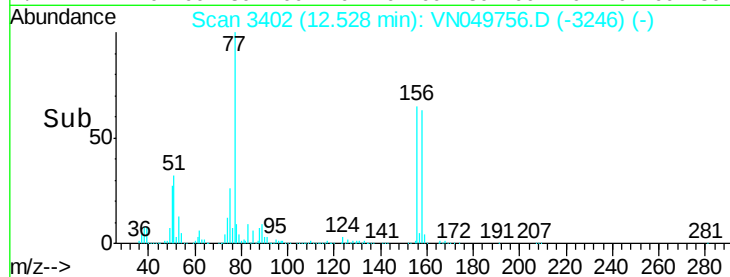
Ion	Ratio	Lower	Upper
156	100		
77	178.7	0.0	359.8
158	97.1	0.0	192.8



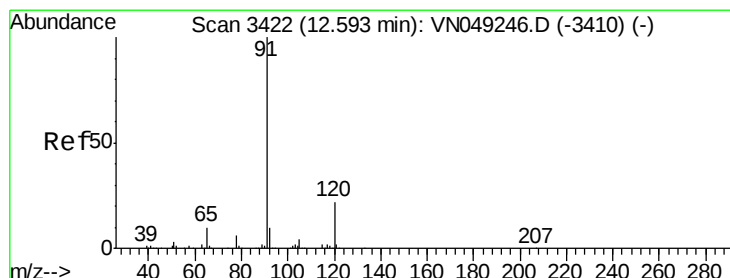
Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



Time-->



#74

n-propylbenzene

Concen: 52.98 ug/l

RT: 12.59 min Scan# 3422

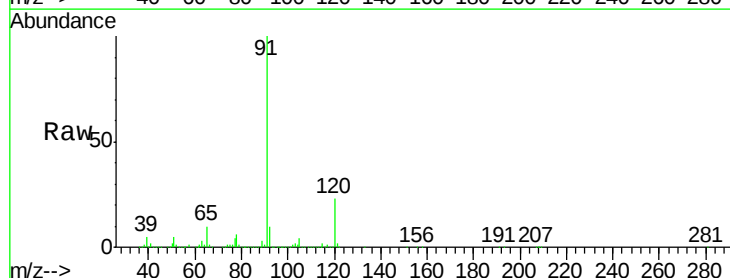
Delta R.T. 0.00 min

Lab File: VN049756.D

Acq: 11 Jul 2018 11:11

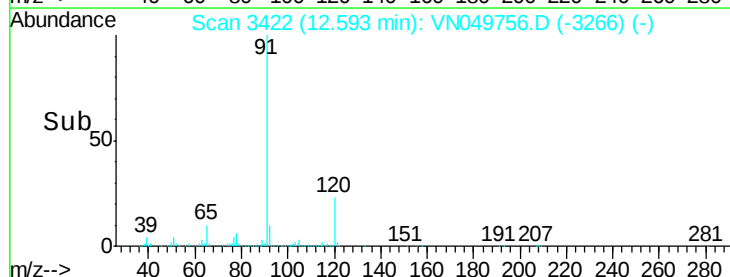
Tgt Ion: 91 Resp: 4517511

Ion	Ratio	Lower	Upper
91	100		
120	23.1	0.0	46.4

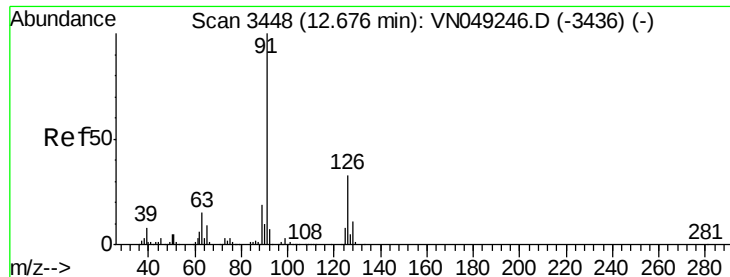


Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



Time-->



#75

2-Chlorotoluene

Concen: 51.66 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049756.D

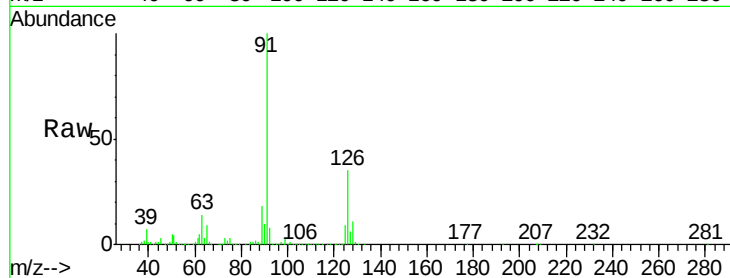
Acq: 11 Jul 2018 11:11

Tot Ion: 91 Resp: 2682050

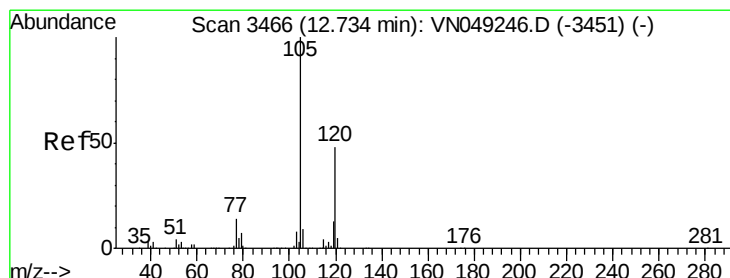
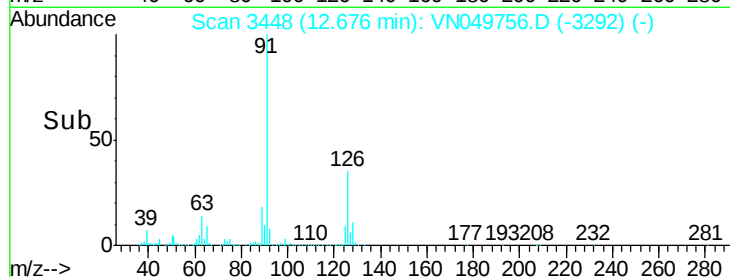
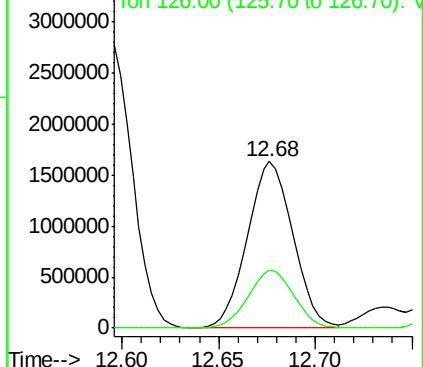
Ion Ratio Lower Upper

91 100

126 34.7 0.0 68.6



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



#76

1,3,5-Trimethylbenzene

Concen: 53.15 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049756.D

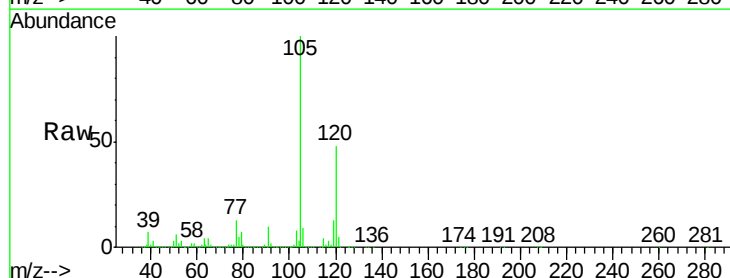
Acq: 11 Jul 2018 11:11

Tgt Ion: 105 Resp: 3179167

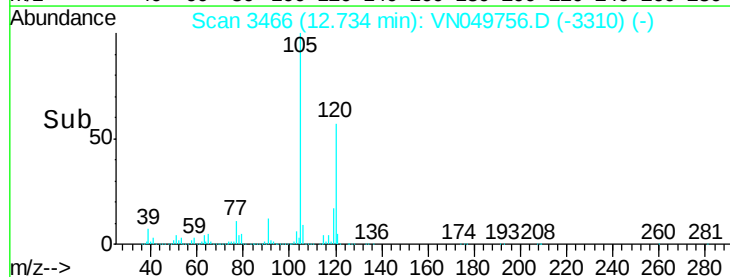
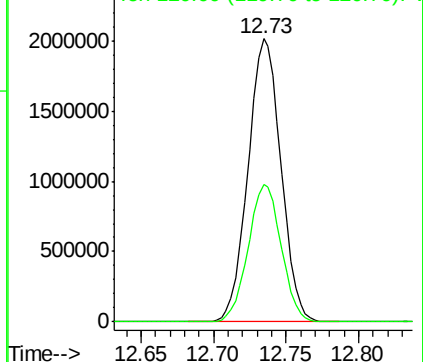
Ion Ratio Lower Upper

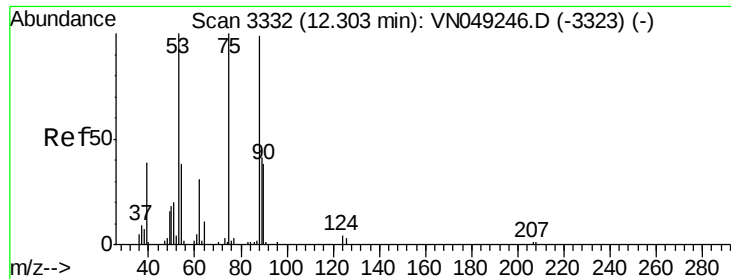
105 100

120 48.7 0.0 98.0



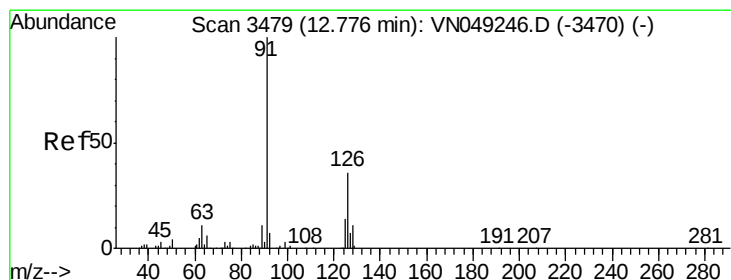
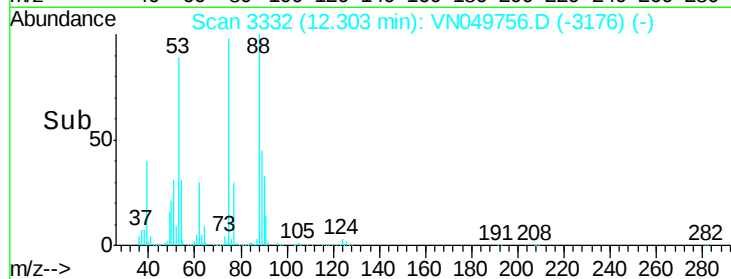
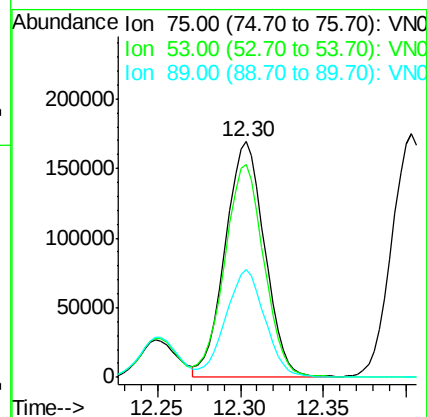
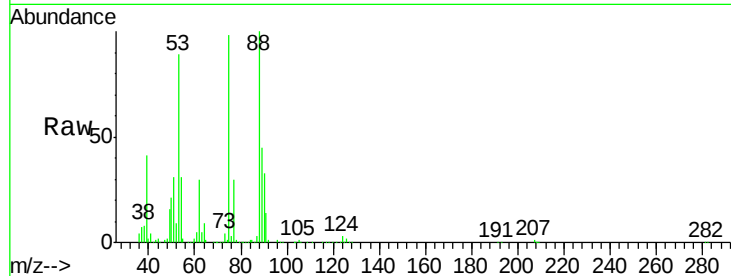
Abundance Ion 105.00 (104.70 to 105.70): VN049246.D (-3451) (-)





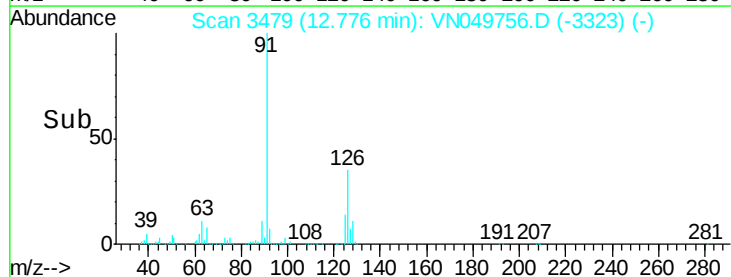
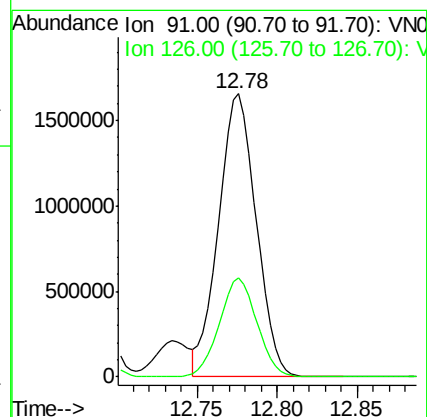
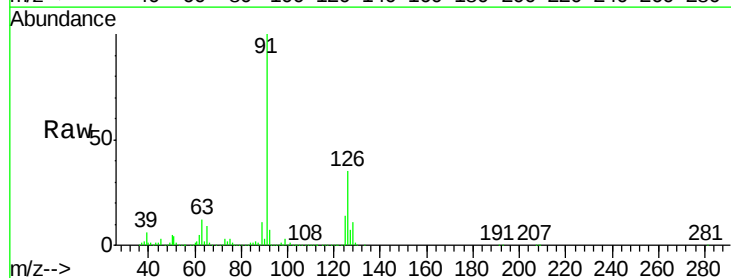
#77
t-1,4-Dichloro-2-butene
Concen: 59.18 ug/l
RT: 12.30 min Scan# 3332
Delta R.T. 0.00 min
Lab File: VN049756.D
Acq: 11 Jul 2018 11:11

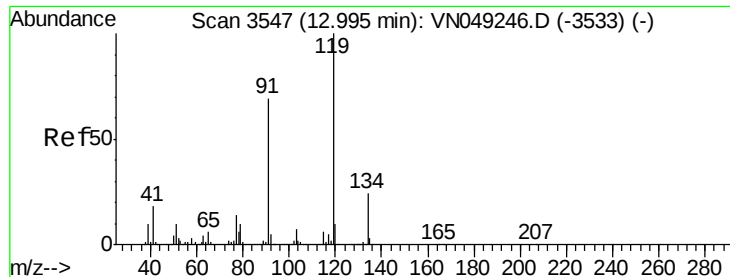
Tot Ion	Ratio	Lower	Upper
75	100		
53	90.3	44.6	134.0
89	45.8	20.7	62.1



#78
4-Chlorotoluene
Concen: 53.12 ug/l
RT: 12.78 min Scan# 3479
Delta R.T. 0.00 min
Lab File: VN049756.D
Acq: 11 Jul 2018 11:11

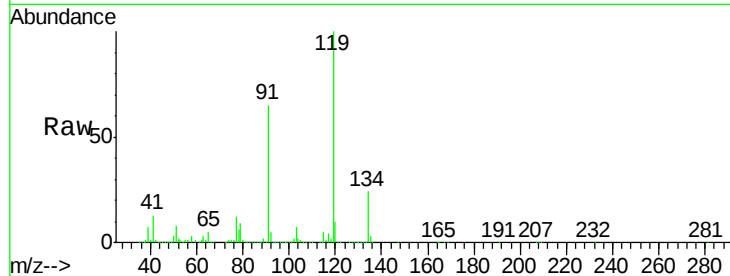
Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.7	0.0	68.4



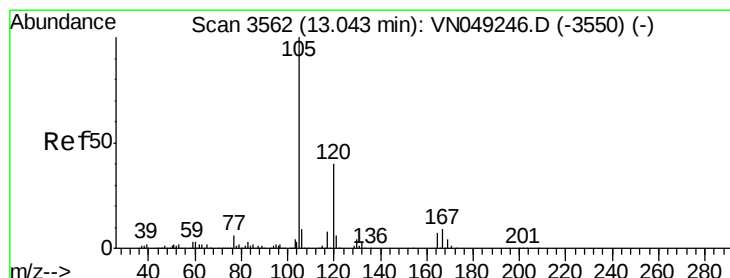
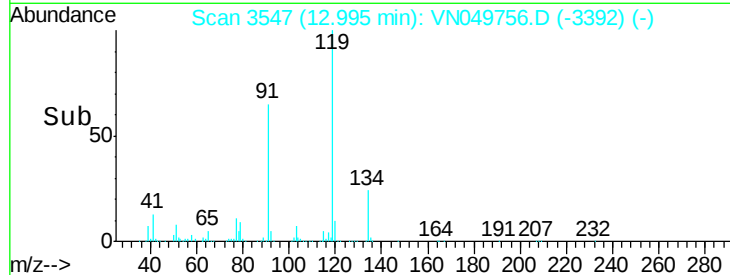
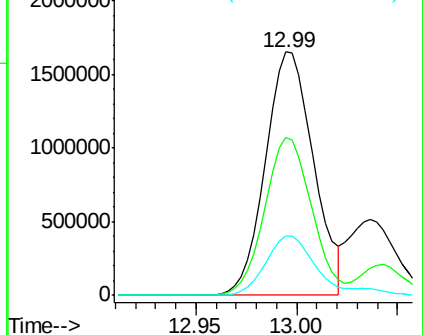


#79
tert-butylbenzene
Concen: 54.44 ug/l
RT: 12.99 min Scan# 3547
Delta R.T. -0.00 min
Lab File: VN049756.D
Acq: 11 Jul 2018 11:11

Tot Ion:119 Resp: 2739724
Ion Ratio Lower Upper
119 100
91 63.3 0.0 126.8
134 24.5 0.0 47.4

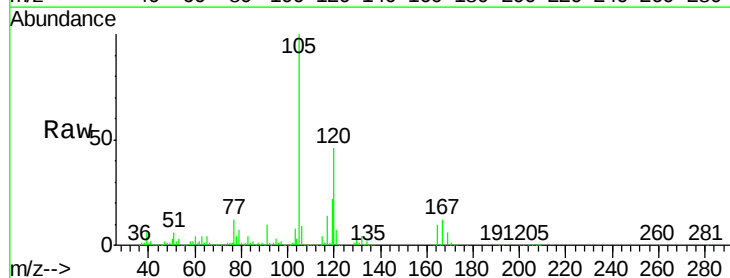


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

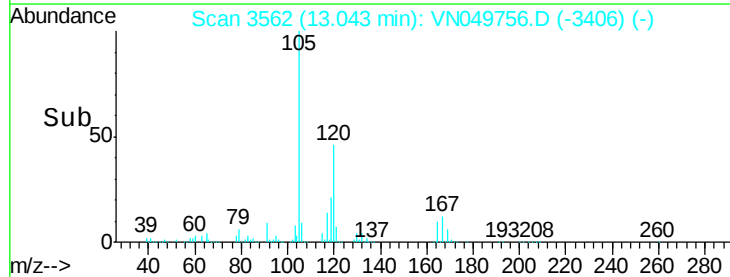
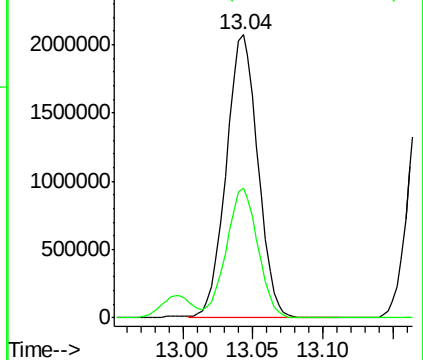


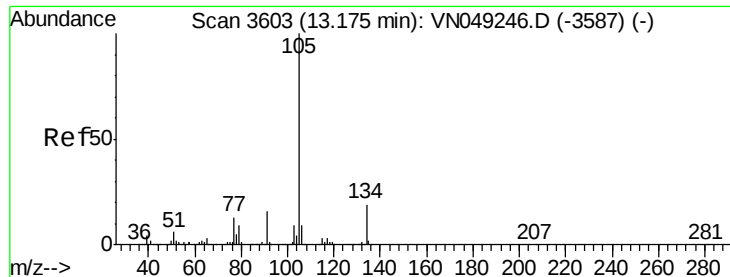
#80
1,2,4-Trimethylbenzene
Concen: 54.28 ug/l
RT: 13.04 min Scan# 3562
Delta R.T. 0.00 min
Lab File: VN049756.D
Acq: 11 Jul 2018 11:11

Tgt Ion:105 Resp: 3251229
Ion Ratio Lower Upper
105 100
120 45.6 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: 53.77 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049756.D

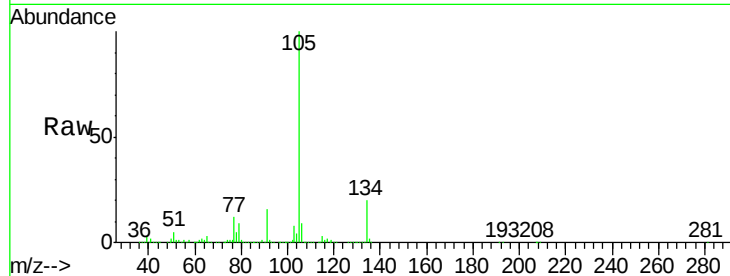
Acq: 11 Jul 2018 11:11

Tot Ion:105 Resp: 3679139

Ion Ratio Lower Upper

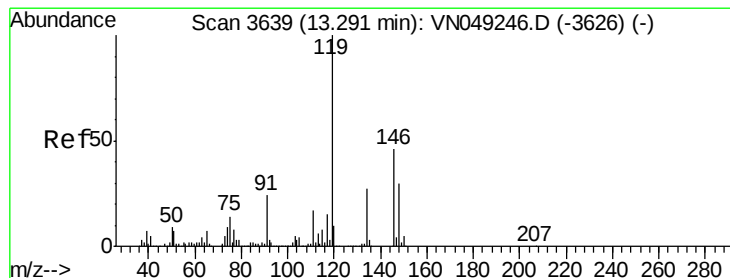
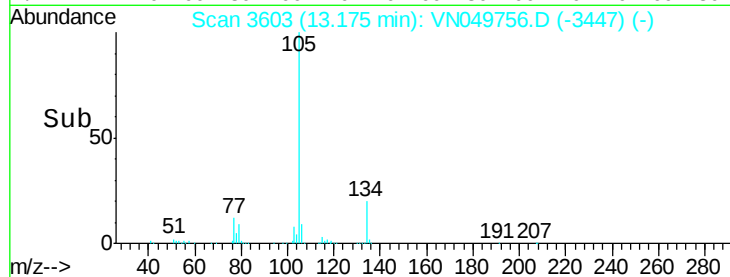
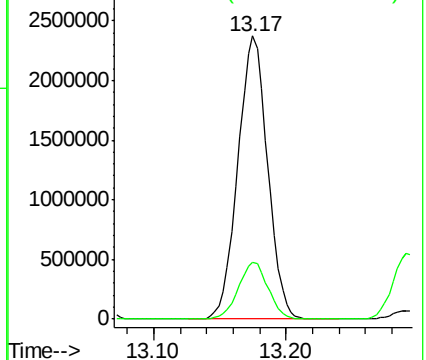
105 100

134 20.1 0.0 40.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 56.39 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN049756.D

Acq: 11 Jul 2018 11:11

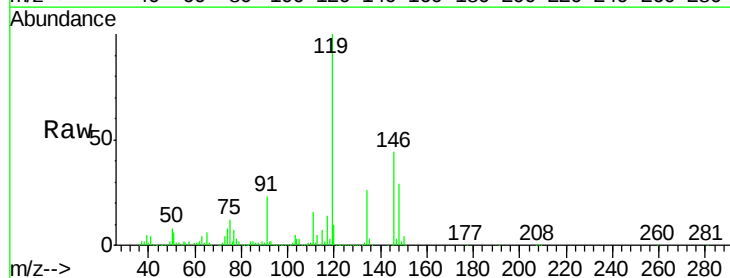
Tgt Ion:119 Resp: 3222227

Ion Ratio Lower Upper

119 100

134 26.2 0.0 52.2

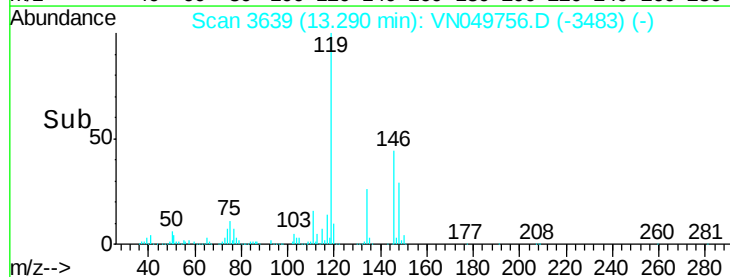
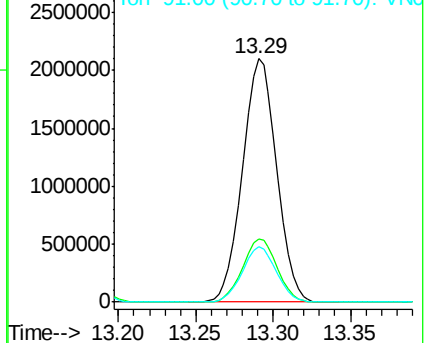
91 22.7 0.0 45.6

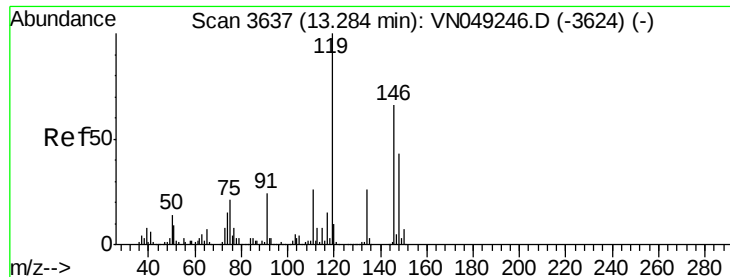


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#83

1,3-Dichlorobenzene

Concen: 57.83 ug/l

RT: 13.28 min Scan# 3637

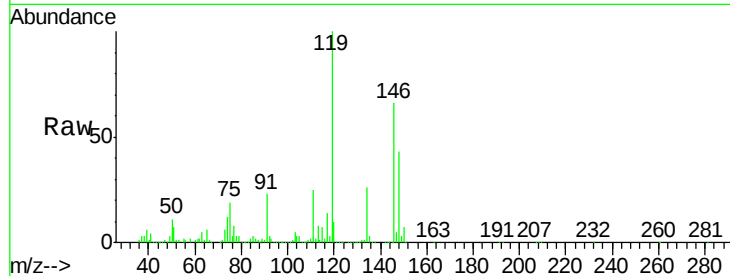
Delta R.T. -0.00 min

Lab File: VN049756.D

Acq: 11 Jul 2018 11:11

Tot Ion:146 Resp: 1758952

Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.1	57.1
148	64.3	31.9	95.9

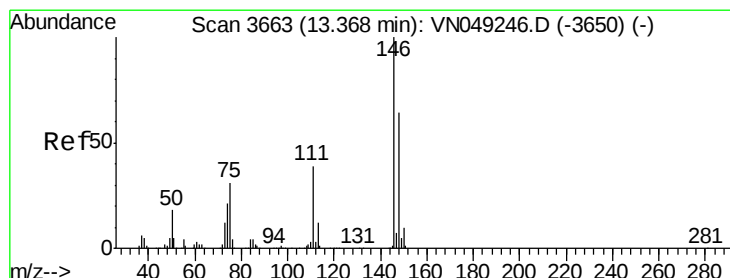
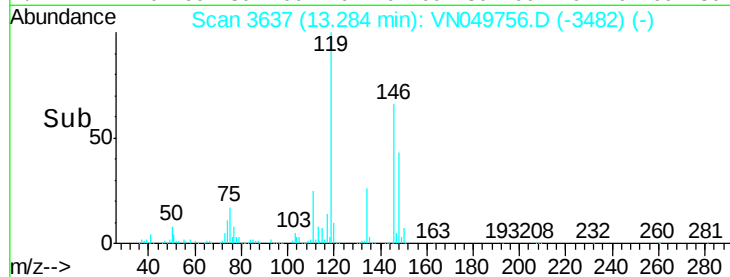
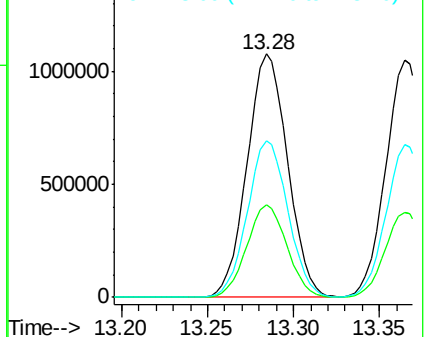


Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 59.20 ug/l

RT: 13.36 min Scan# 3662

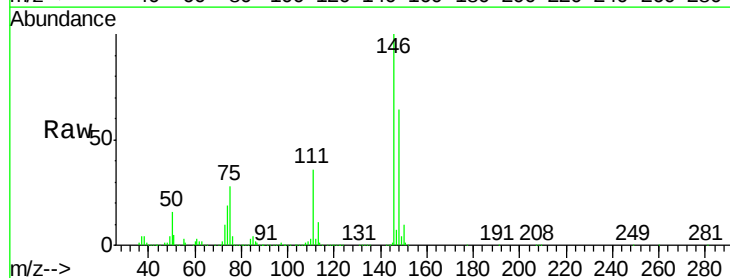
Delta R.T. -0.00 min

Lab File: VN049756.D

Acq: 11 Jul 2018 11:11

Tgt Ion:146 Resp: 1698454

Ion	Ratio	Lower	Upper
146	100		
111	36.4	17.9	53.8
148	64.0	32.4	97.0

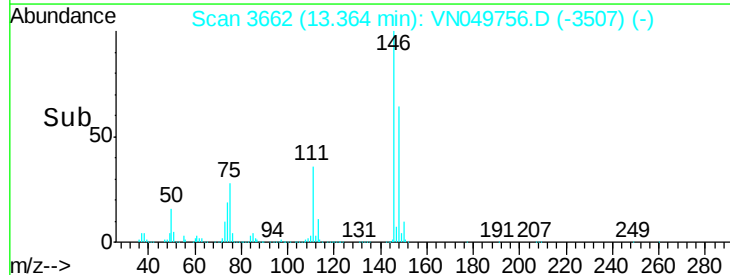
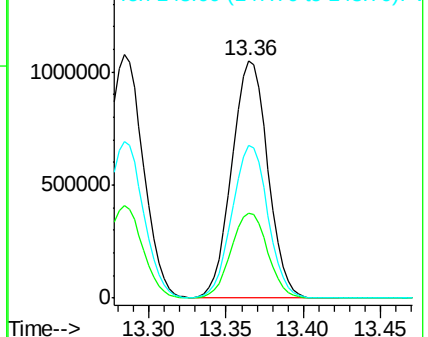


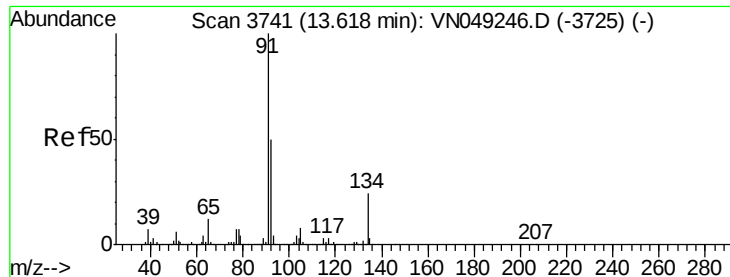
Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

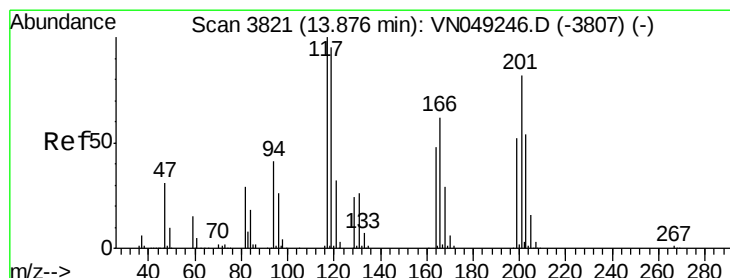
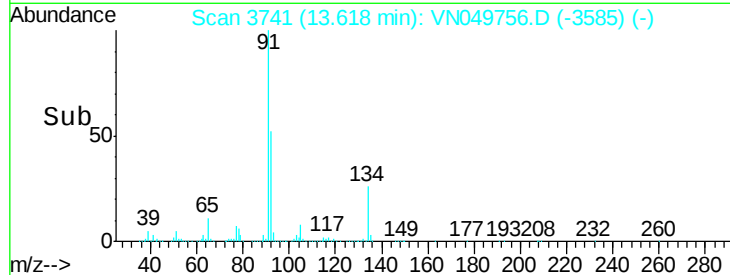
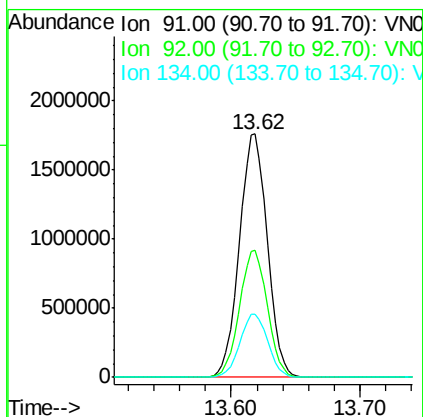
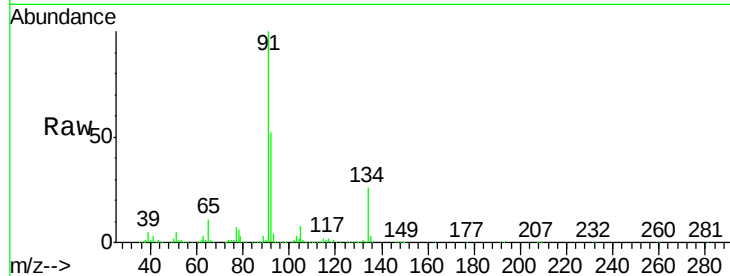




#85
n-Butylbenzene
Concen: 58.09 ug/l
RT: 13.62 min Scan# 3741
Delta R.T. 0.00 min
Lab File: VN049756.D
Acq: 11 Jul 2018 11:11

Tot Ion: 91 Resp: 2647254

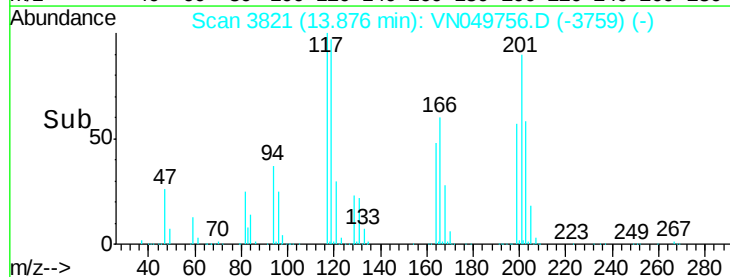
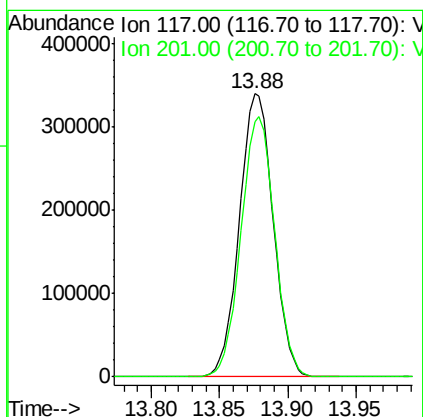
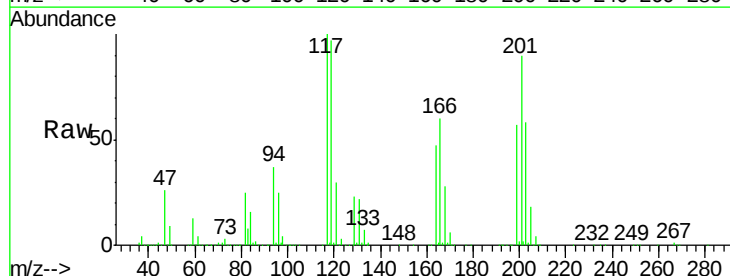
Ion	Ratio	Lower	Upper
91	100		
92	52.0	0.0	102.8
134	26.0	0.0	51.0

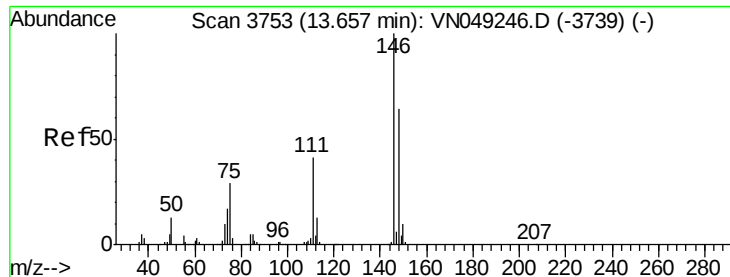


#86
Hexachloroethane
Concen: 50.22 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049756.D
Acq: 11 Jul 2018 11:11

Tgt Ion: 117 Resp: 585680

Ion	Ratio	Lower	Upper
117	100		
201	91.4	46.6	139.7





#87

1,2-Dichlorobenzene

Concen: 58.29 ug/l

RT: 13.66 min Scan# 3753

Delta R.T. 0.00 min

Lab File: VN049756.D

Acq: 11 Jul 2018 11:11

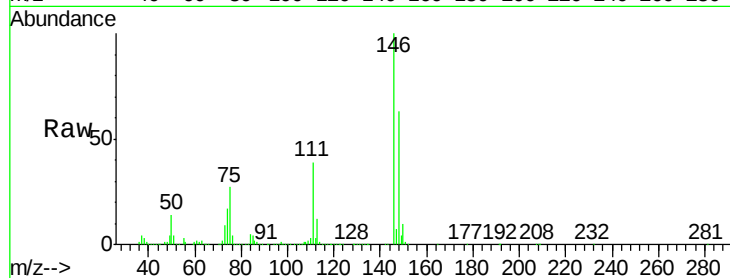
Tot Ion:146 Resp: 1717549

Ion Ratio Lower Upper

146 100

111 38.9 19.8 59.3

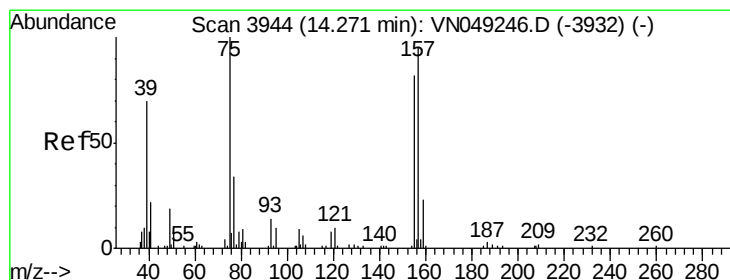
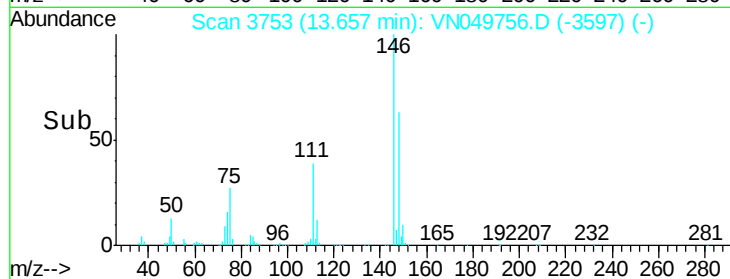
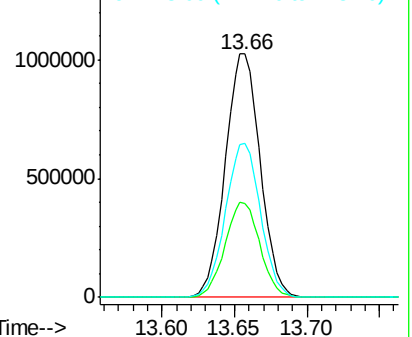
148 63.4 31.8 95.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 55.43 ug/l

RT: 14.27 min Scan# 3944

Delta R.T. -0.00 min

Lab File: VN049756.D

Acq: 11 Jul 2018 11:11

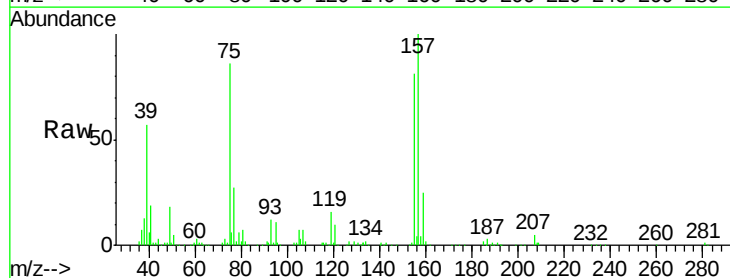
Tgt Ion: 75 Resp: 145253

Ion Ratio Lower Upper

75 100

155 93.5 73.0 109.6

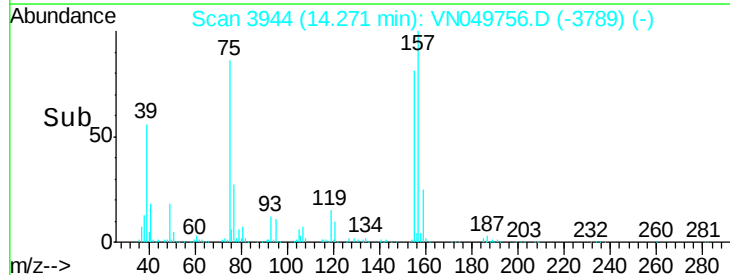
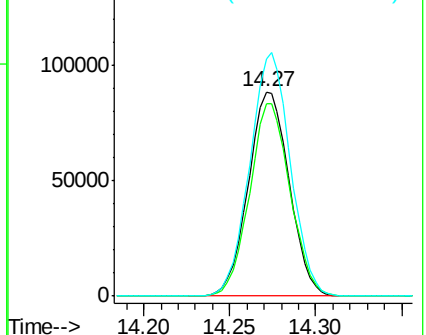
157 118.5 94.9 142.3

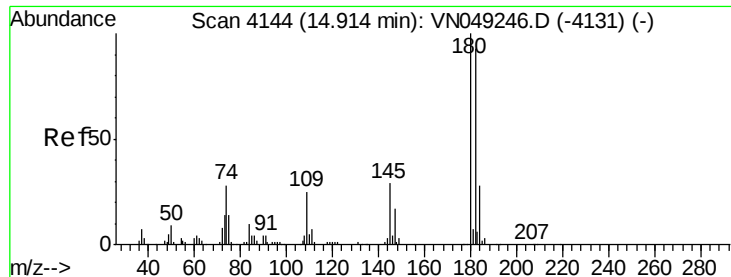


Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 155.00 (154.70 to 155.70): V

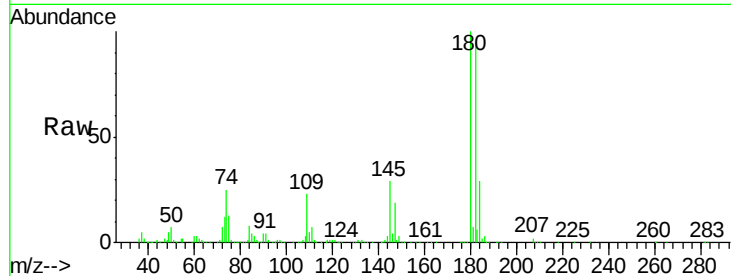
Ion 157.00 (156.70 to 157.70): V



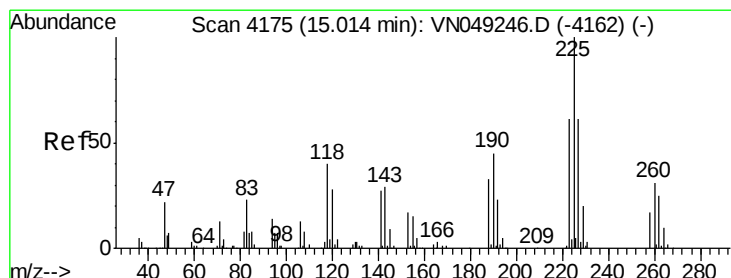
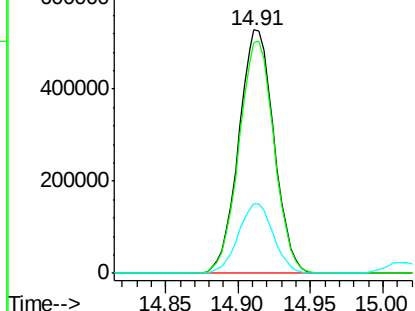
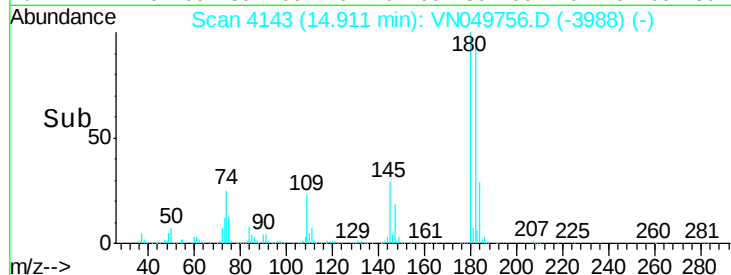


#89
 1,2,4-Trichlorobenzene
 Concen: 71.19 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN049756.D
 Acq: 11 Jul 2018 11:11

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.7	115.1
145	28.6	23.4	35.0

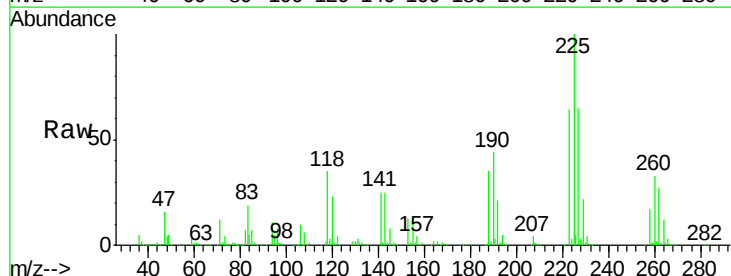


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

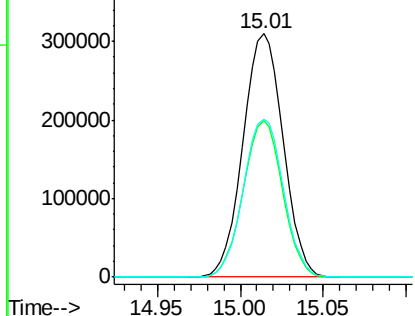
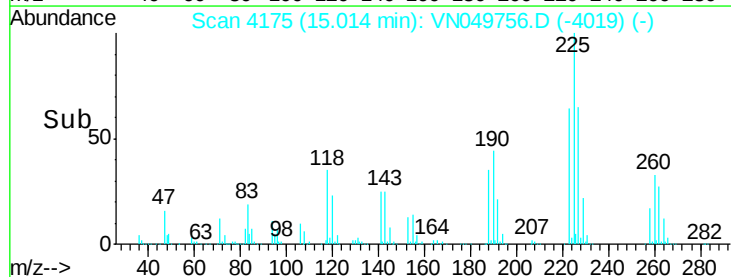


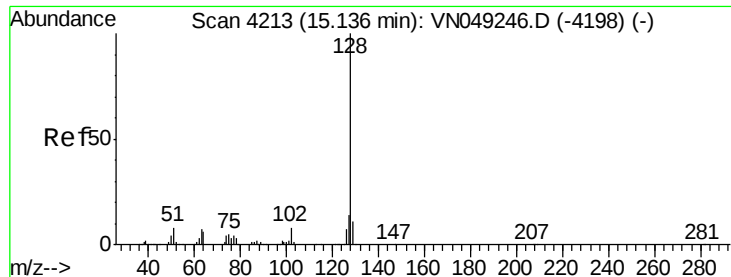
#90
 Hexachlorobutadiene
 Concen: 60.69 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049756.D
 Acq: 11 Jul 2018 11:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	0.0	124.4
227	65.1	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

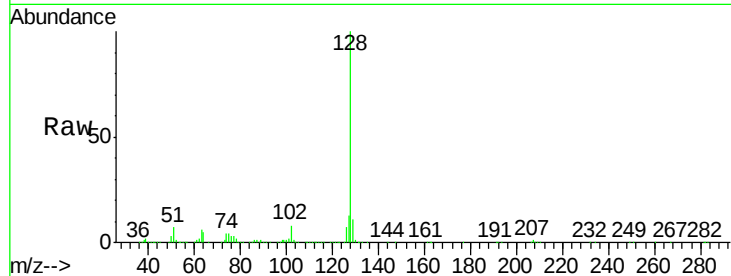




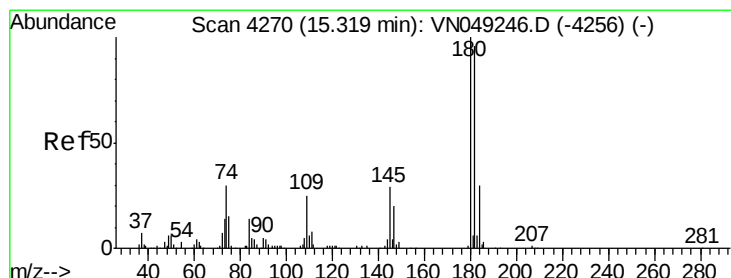
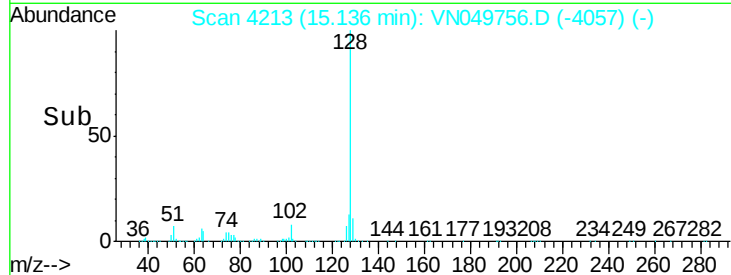
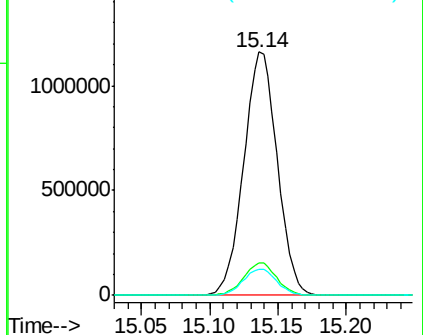
#91
Naphthalene
Concen: 72.56 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049756.D
Acq: 11 Jul 2018 11:11

Tot Ion:128 Resp: 1980623

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	10.9	9.0	13.4



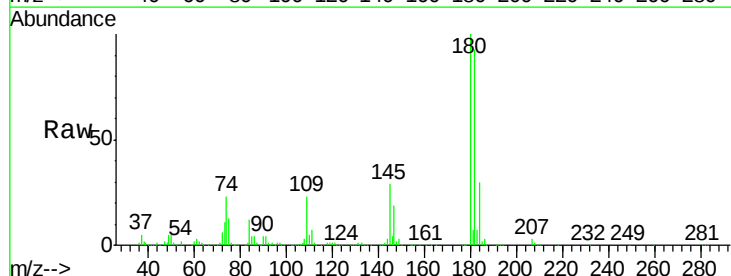
Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#92
1,2,3-Trichlorobenzene
Concen: 68.04 ug/l
RT: 15.32 min Scan# 4270
Delta R.T. 0.00 min
Lab File: VN049756.D
Acq: 11 Jul 2018 11:11

Tgt Ion:180 Resp: 879027

Ion	Ratio	Lower	Upper
180	100		
182	94.5	0.0	188.8
145	29.9	0.0	60.8



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

