

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN071118\
 Data File : VN049766.D
 Acq On : 11 Jul 2018 19:29
 Operator : MD\SY
 Sample : VSTDCCC020EC
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 12 01:56:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N071118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 12 01:52:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	250501	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	1369939	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	1195686	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	517311	30.55	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.83%
60) 4-Bromofluorobenzene	12.40	95	543077	29.42	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.07%
63) Toluene-d8	10.09	98	1690750	30.26	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.87%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	411134	21.935	ug/l 97
3) Chloromethane	2.06	50	400007	20.650	ug/l 99
4) Vinyl Chloride	2.18	62	421563	20.565	ug/l 97
5) Bromomethane	2.57	94	246915	19.955	ug/l 98
6) Chloroethane	2.70	64	245156	20.606	ug/l 100
7) Trichlorofluoromethane	3.01	101	539872	20.818	ug/l 99
8) Diethyl Ether	3.42	74	176443	19.913	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	321302	20.577	ug/l 99
10) 1,1-Dichloroethene	3.74	96	295549	20.549	ug/l 98
11) Methyl Iodide	3.95	142	421346	19.705	ug/l 99
12) Methyl Acetate	4.33	43	294928	20.986	ug/l 99
13) Acrolein	3.61	56	124351	84.605	ug/l 99
14) Acrylonitrile	5.00	53	502967	99.777	ug/l 99
15) Acetone	3.82	58	120398	94.668	ug/l 97
16) Carbon Disulfide	4.05	76	905164	20.362	ug/l 99
17) Allyl chloride	4.33	41	443762	19.541	ug/l 98
18) Methylene Chloride	4.56	84	334331	19.595	ug/l 99
19) trans-1,2-Dichloroethene	5.05	96	310984	20.479	ug/l 97
20) Diisopropyl ether	5.96	45	944913	20.615	ug/l 100
21) 1,1-Dichloroethane	5.85	63	581429	20.665	ug/l 97
22) cis-1,2-Dichloroethene	6.83	96	342340	20.242	ug/l 100
23) tert-Butyl Alcohol	4.80	59	107392	101.704	ug/l 100
24) Methyl tert-Butyl Ether	5.06	73	771144	20.159	ug/l 99
25) Chloroform	7.37	83	585991	20.627	ug/l 99
26) Cyclohexane	7.66	56	474898	19.990	ug/l # 98
29) 1,1-Dichloropropene	7.80	75	439506	20.158	ug/l 99
30) 2-Butanone	6.84	43	568737	93.645	ug/l 98
31) 2,2-Dichloropropane	6.83	77	426250	18.235	ug/l 99
32) 1,1,1-Trichloroethane	7.57	97	502725	20.061	ug/l 99
33) Carbon Tetrachloride	7.78	117	446625	20.105	ug/l 99
34) Benzene	8.05	78	1312318	20.074	ug/l 98
35) Methacrylonitrile	7.18	41	131819	19.002	ug/l 99
36) 1,2-Dichloroethane	8.13	62	418158	20.037	ug/l 99
37) Trichloroethene	8.84	130	334145	19.615	ug/l 99
38) Methylcyclohexane	9.09	83	449095	19.119	ug/l 100
39) 1,2-Dichloropropane	9.12	63	342659	20.187	ug/l 99
40) Dibromomethane	9.21	93	205869	20.170	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.41	83	435378	19.834	ug/l	98
42) Vinyl Acetate	5.90	43	3135920	97.300	ug/l	99
43) Ethyl Acetate	6.94	43	262404	20.462	ug/l #	92
44) Isopropyl Acetate	8.17	43	484868	20.221	ug/l	97
45) 1,4-Dioxane	9.20	88	62469	395.701	ug/l	97
46) Methyl methacrylate	9.20	41	226430	18.833	ug/l	99
47) n-amyl Acetate	12.07	43	368516	18.245	ug/l	100
48) t-1,3-Dichloropropene	10.38	75	419143	18.950	ug/l	97
49) cis-1,3-Dichloropropene	9.84	75	494368	19.415	ug/l	99
50) 1,1,2-Trichloroethane	10.56	97	301752	20.329	ug/l	99
51) Ethyl methacrylate	10.43	69	342765	18.930	ug/l	99
52) 1,3-Dichloropropane	10.71	76	489085	20.065	ug/l	100
53) Dibromochloromethane	10.90	129	327273	19.502	ug/l	99
54) 1,2-Dibromoethane	11.01	107	287292	19.914	ug/l	98
55) 2-Chloroethyl vinyl ether	9.70	63	858103	93.043	ug/l	100
56) Bromoform	12.13	173	220178	19.154	ug/l	98
58) 4-Methyl-2-Pentanone	9.99	43	1321672	101.676	ug/l	99
59) 2-Hexanone	10.75	43	852163	97.390	ug/l	100
61) Tetrachloroethene	10.63	164	311726	20.778	ug/l	97
62) Toluene	10.16	91	1401939	20.458	ug/l	99
64) Chlorobenzene	11.44	112	843890	20.071	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.51	131	321891	20.172	ug/l	99
66) Ethyl Benzene	11.51	91	1423418	19.800	ug/l	99
67) m/p-Xylenes	11.62	106	1112416	40.227	ug/l	100
68) o-Xylene	11.95	106	532034	20.136	ug/l	99
69) Styrene	11.97	104	843565	20.001	ug/l	100
70) Isopropylbenzene	12.25	105	1416542	20.214	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.51	83	360920	20.068	ug/l	97
72) 1,2,3-Trichloropropane	12.56	75	419601	29.138	ug/l	56
73) Bromobenzene	12.53	156	363010	19.759	ug/l	99
74) n-propylbenzene	12.59	91	1609969	19.847	ug/l	99
75) 2-Chlorotoluene	12.68	91	981626	20.175	ug/l	99
76) 1,3,5-Trimethylbenzene	12.73	105	1159161	20.354	ug/l	99
77) t-1,4-Dichloro-2-butene	12.30	75	87724	17.380	ug/l	97
78) 4-Chlorotoluene	12.78	91	967793	19.948	ug/l	100
79) tert-butylbenzene	13.00	119	984087	19.908	ug/l	98
80) 1,2,4-Trimethylbenzene	13.04	105	1171303	20.373	ug/l	99
81) sec-Butylbenzene	13.17	105	1341410	20.204	ug/l	99
82) p-Isopropyltoluene	13.29	119	1146530	19.969	ug/l	100
83) 1,3-Dichlorobenzene	13.29	146	623914	19.572	ug/l	100
84) 1,4-Dichlorobenzene	13.37	146	591992	19.387	ug/l	99
85) n-Butylbenzene	13.62	91	877162	18.766	ug/l	100
86) Hexachloroethane	13.88	117	218662	20.022	ug/l	96
87) 1,2-Dichlorobenzene	13.66	146	624766	20.349	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	52001	19.415	ug/l	99
89) 1,2,4-Trichlorobenzene	14.91	180	301155	19.424	ug/l	96
90) Hexachlorobutadiene	15.01	225	195626	19.827	ug/l	98
91) Naphthalene	15.14	128	613378	17.950	ug/l	99
92) 1,2,3-Trichlorobenzene	15.32	180	303761	19.531	ug/l	98

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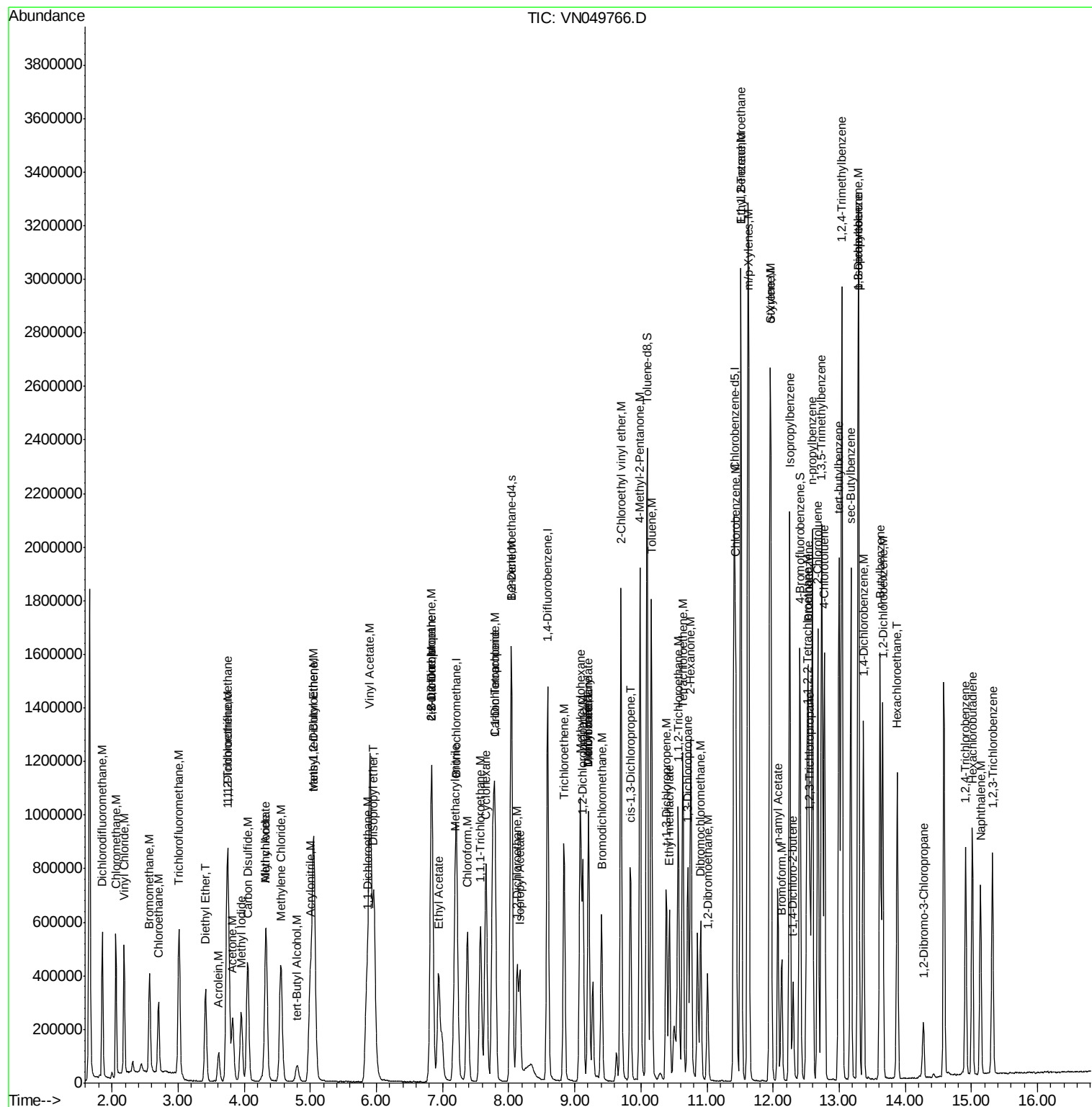
Quant Time: Jul 12 01:56:52 2018
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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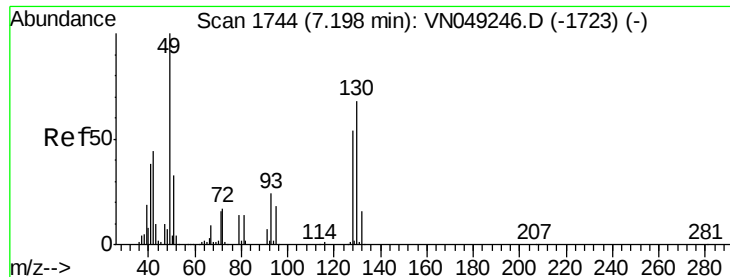
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 12 01:52:12 2018
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#1

Bromochloromethane

Concen: 30.000 ug/l

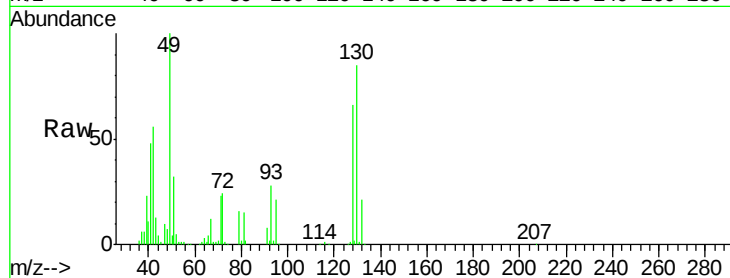
RT: 7.20 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VN049766.D

Acq: 11 Jul 2018 19:29

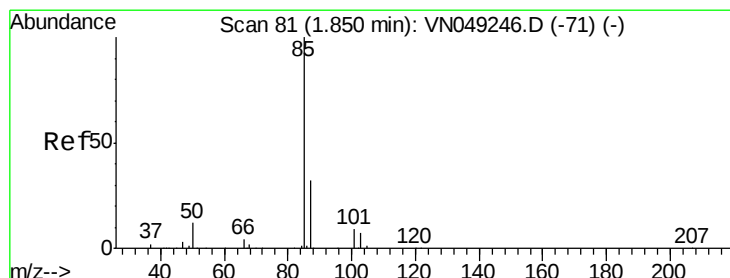
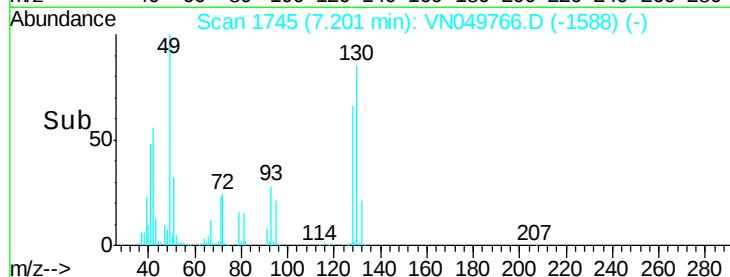
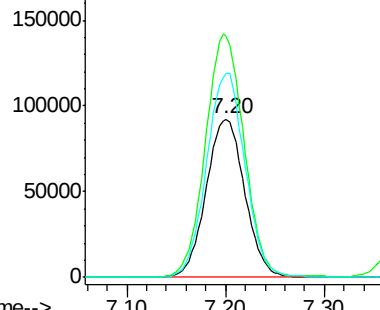
Tgt Ion:	128	Resp:	250501
Ion	Ratio	Lower	Upper
128	100		
49	153.3	0.0	378.3
130	129.0	0.0	320.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 21.935 ug/l

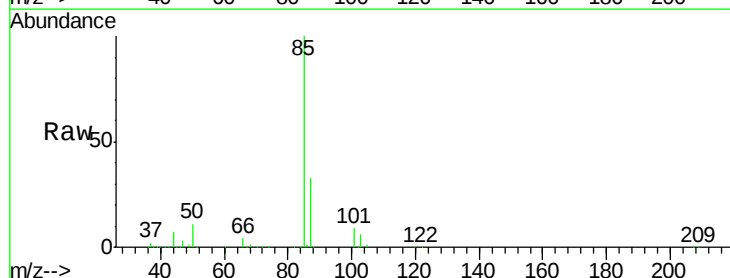
RT: 1.85 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN049766.D

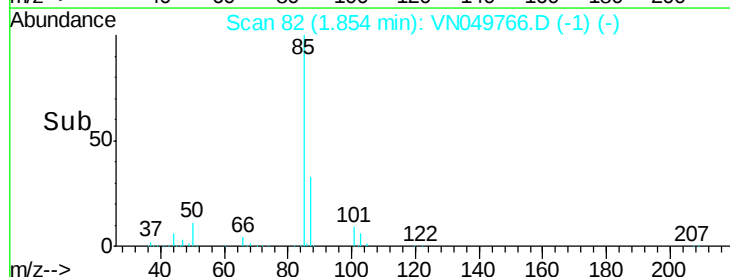
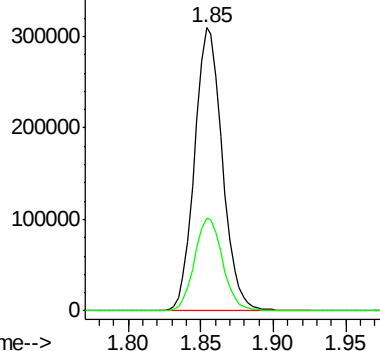
Acq: 11 Jul 2018 19:29

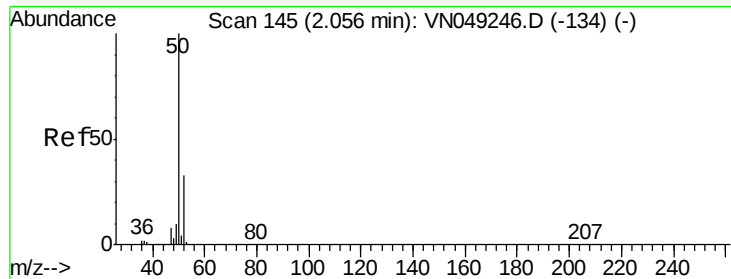
Tgt Ion:	85	Resp:	411134
Ion	Ratio	Lower	Upper
85	100		
87	32.7	15.4	46.4



Abundance Ion 85.00 (84.70 to 85.70): V

Ion 87.00 (86.70 to 87.70): V





#3

Chloromethane

Concen: 20.650 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN049766.D

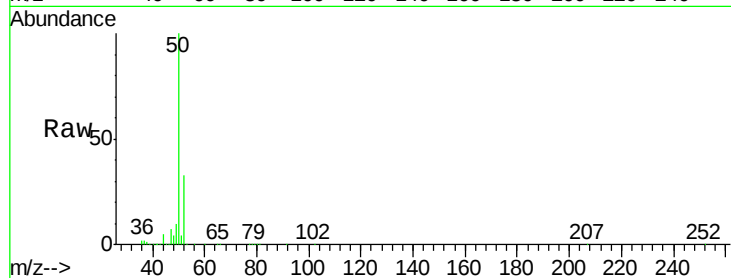
Acq: 11 Jul 2018 19:29

Tgt Ion: 50 Resp: 400007

Ion Ratio Lower Upper

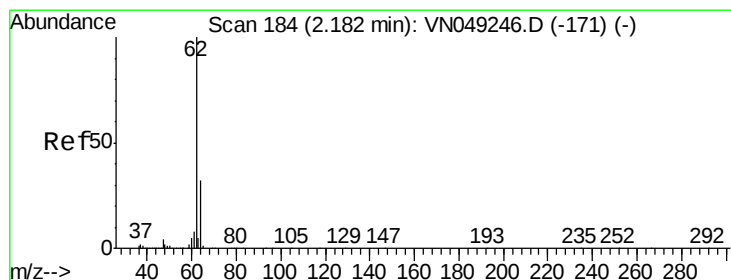
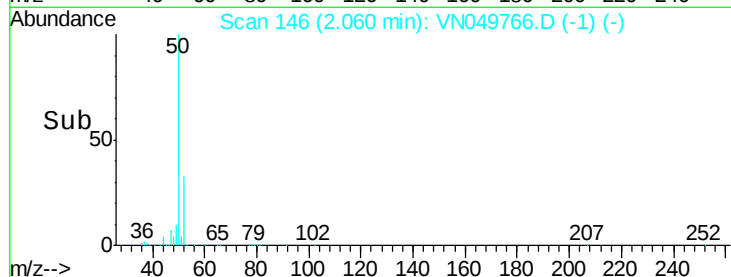
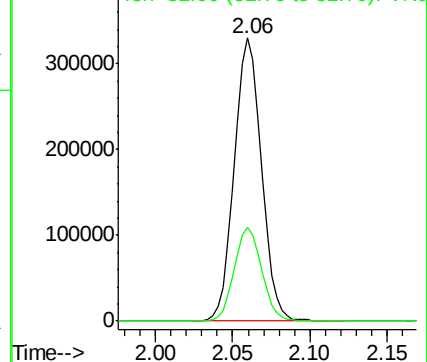
50 100

52 33.3 26.1 39.1



Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#4

Vinyl Chloride

Concen: 20.565 ug/l

RT: 2.18 min Scan# 185

Delta R.T. 0.00 min

Lab File: VN049766.D

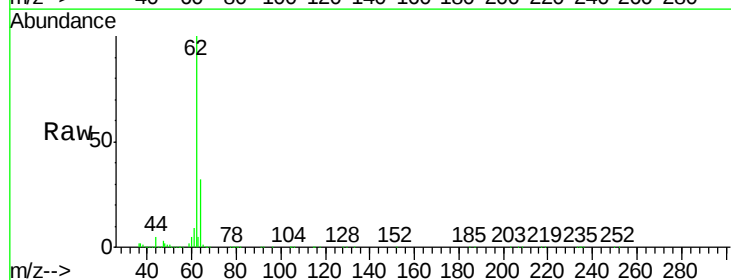
Acq: 11 Jul 2018 19:29

Tgt Ion: 62 Resp: 421563

Ion Ratio Lower Upper

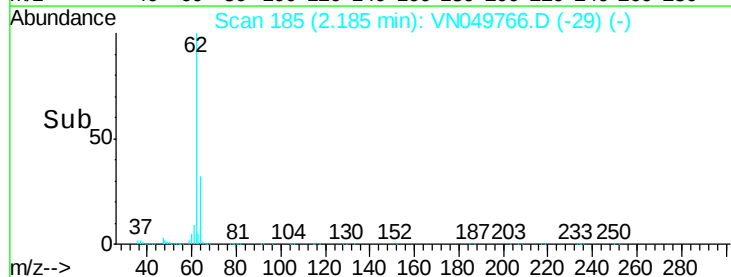
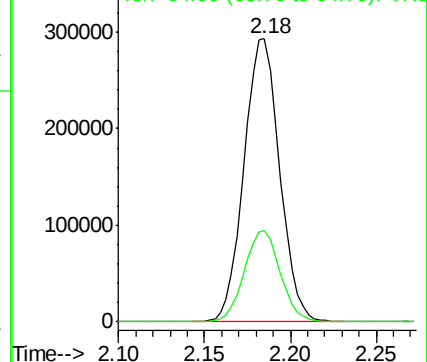
62 100

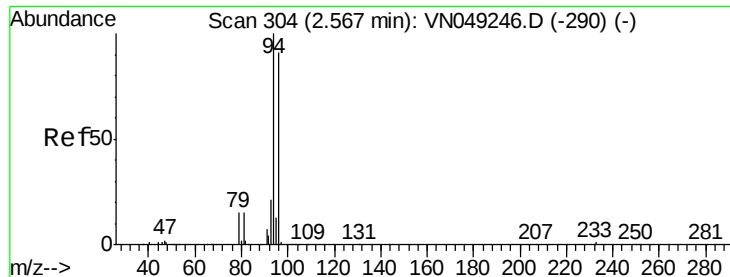
64 32.2 24.4 36.6



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0





#5

Bromomethane

Concen: 19.955 ug/l

RT: 2.57 min Scan# 304

Delta R.T. 0.00 min

Lab File: VN049766.D

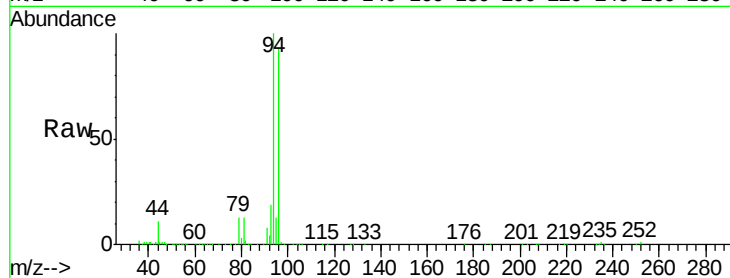
Acq: 11 Jul 2018 19:29

Tgt Ion: 94 Resp: 246915

Ion Ratio Lower Upper

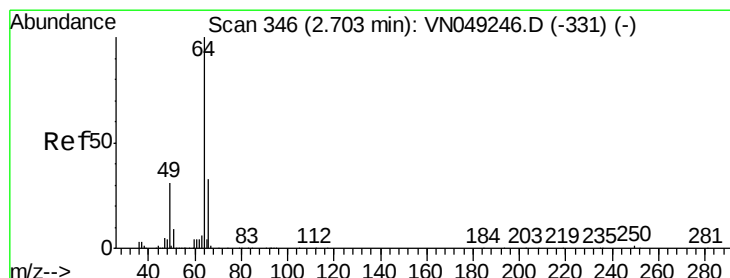
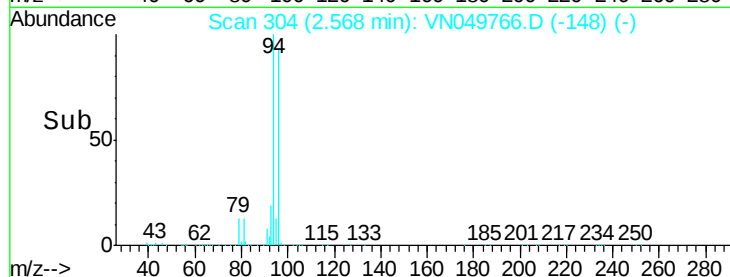
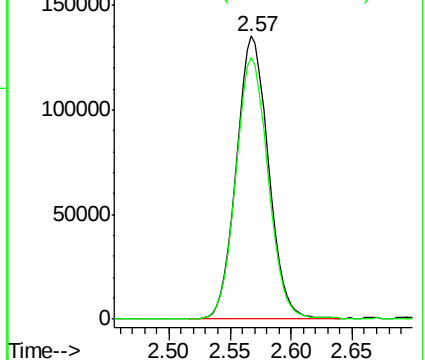
94 100

96 92.5 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: 20.606 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN049766.D

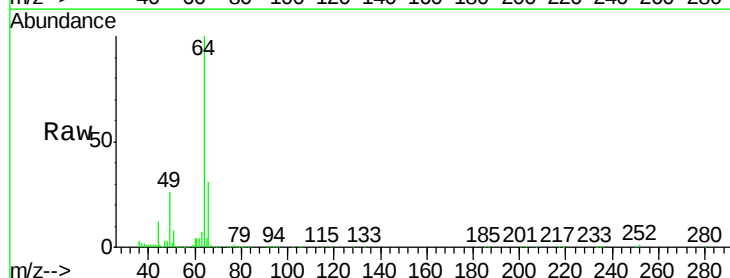
Acq: 11 Jul 2018 19:29

Tgt Ion: 64 Resp: 245156

Ion Ratio Lower Upper

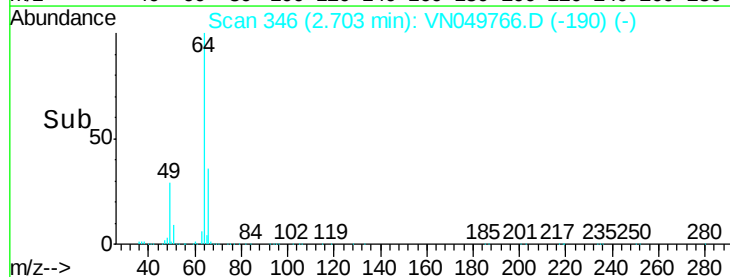
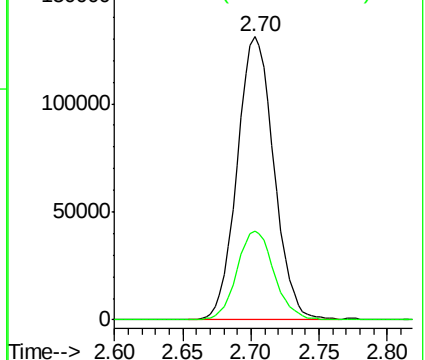
64 100

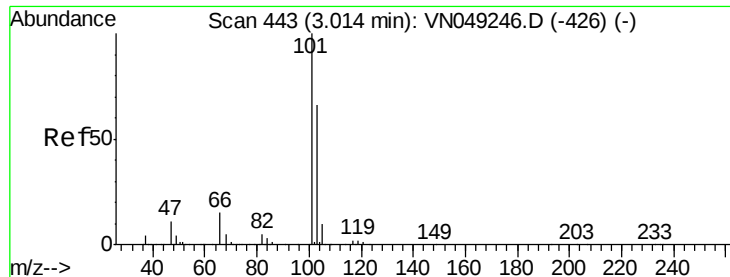
66 31.0 25.0 37.4



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0

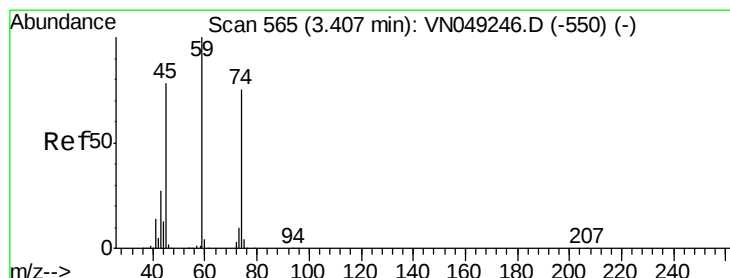
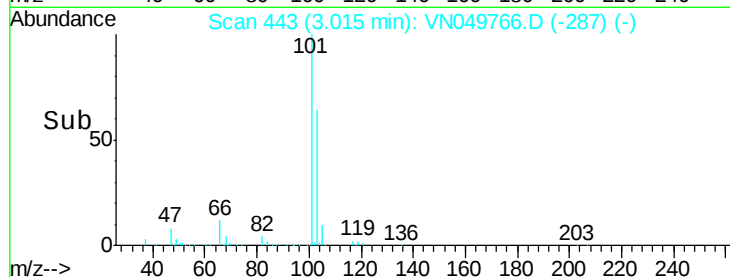
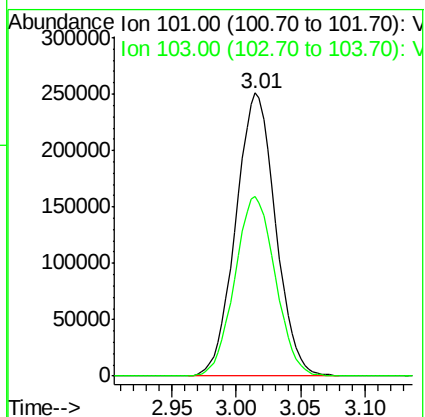
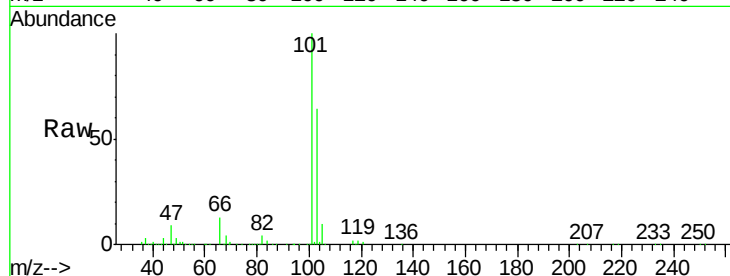




#7

Trichlorofluoromethane
 Concen: 20.818 ug/l
 RT: 3.01 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: VN049766.D
 Acq: 11 Jul 2018 19:29

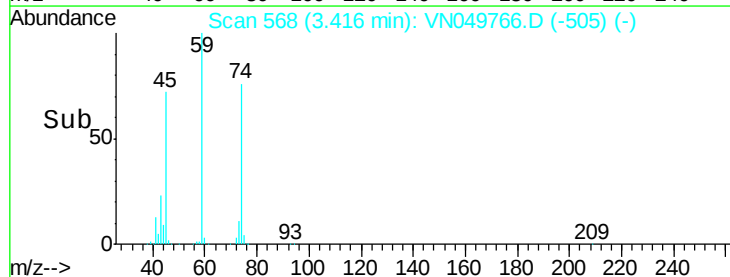
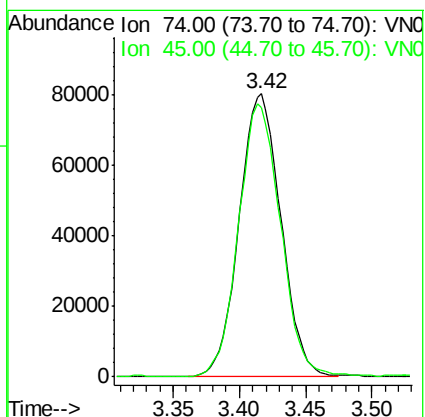
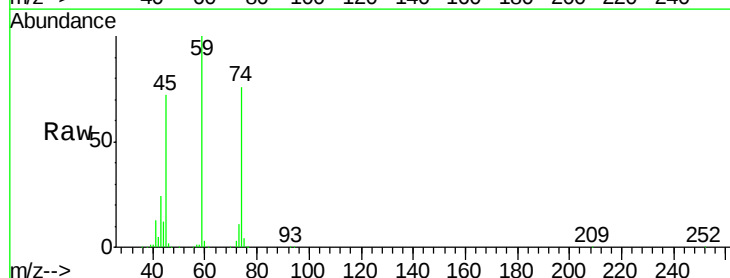
Tgt Ion: 101 Resp: 539872
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.5 77.3

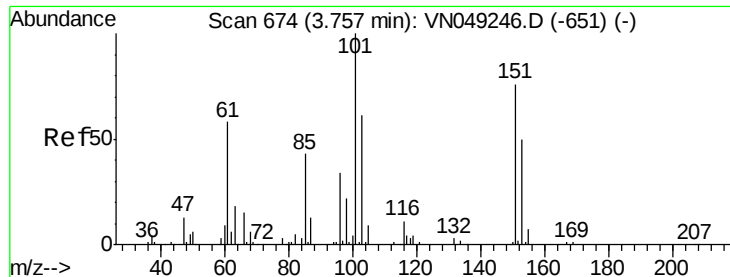


#8

Diethyl Ether
 Concen: 19.913 ug/l
 RT: 3.42 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: VN049766.D
 Acq: 11 Jul 2018 19:29

Tgt Ion: 74 Resp: 176443
 Ion Ratio Lower Upper
 74 100
 45 97.4 18.7 167.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.577 ug/l

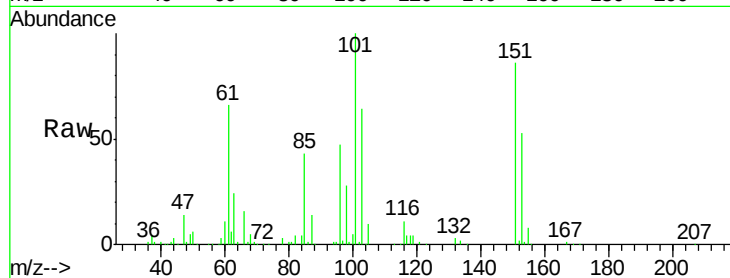
RT: 3.76 min Scan# 675

Delta R.T. 0.01 min

Lab File: VN049766.D

Acq: 11 Jul 2018 19:29

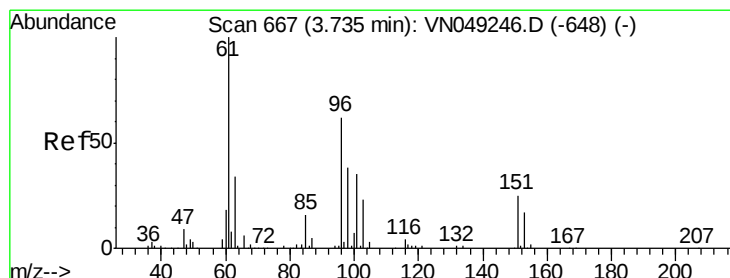
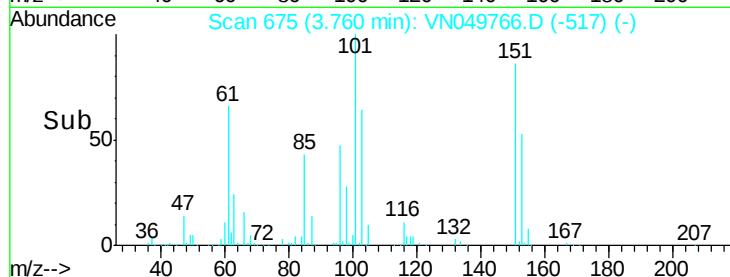
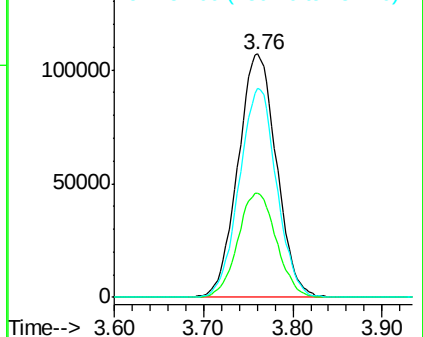
Tgt Ion:	101	Resp:	321302
Ion	Ratio	Lower	Upper
101	100		
85	42.8	0.0	83.0
151	83.5	0.0	166.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 20.549 ug/l

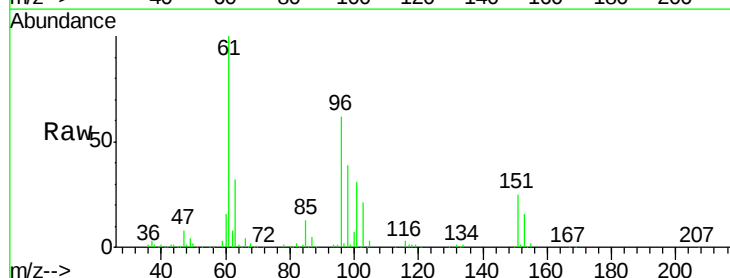
RT: 3.74 min Scan# 668

Delta R.T. 0.00 min

Lab File: VN049766.D

Acq: 11 Jul 2018 19:29

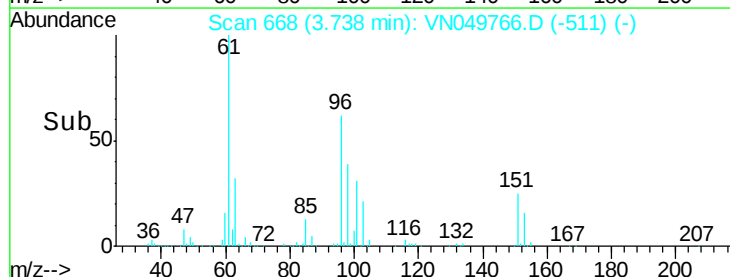
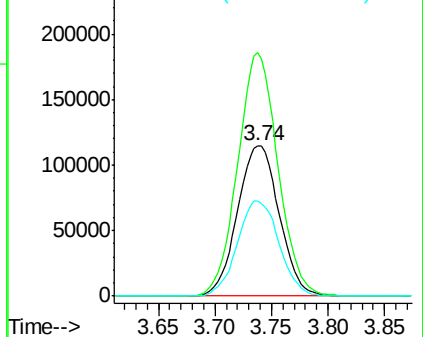
Tgt Ion:	96	Resp:	295549
Ion	Ratio	Lower	Upper
96	100		
61	161.6	130.6	195.8
98	63.4	53.5	80.3

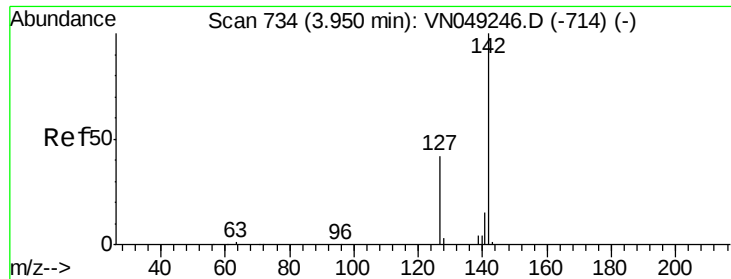


Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

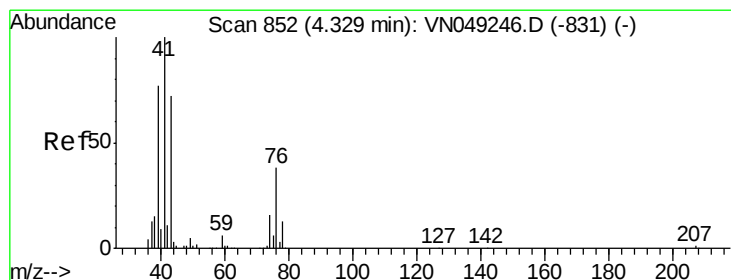
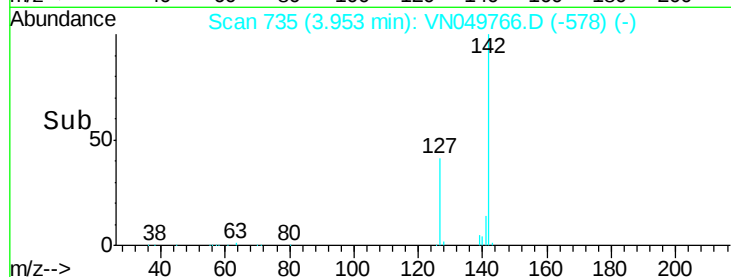
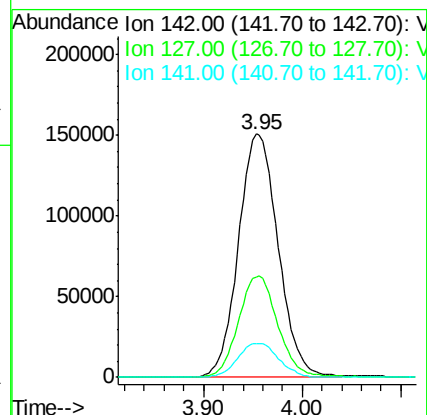
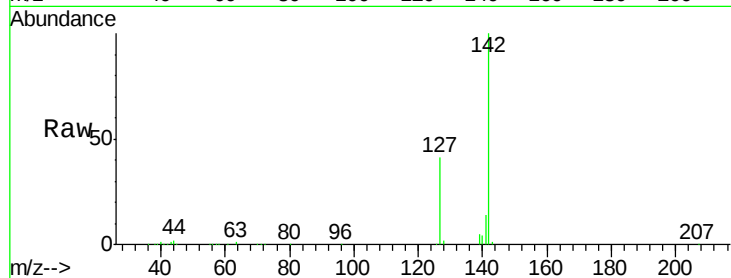
Ion 98.00 (97.70 to 98.70): VN0





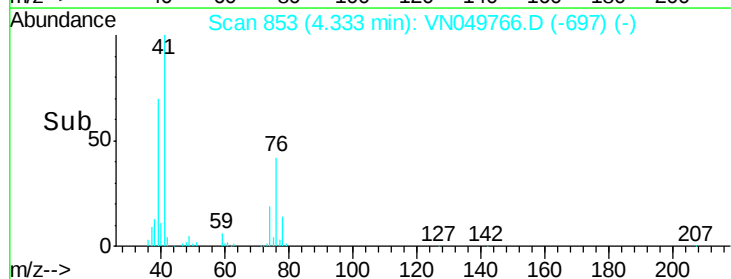
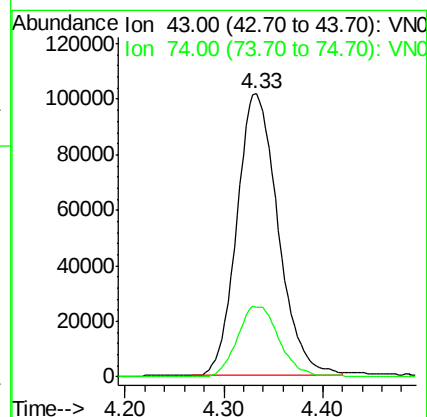
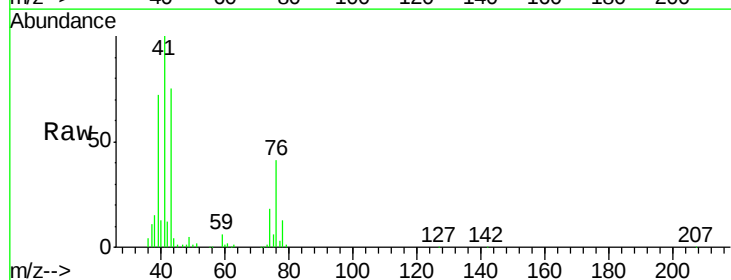
#11
Methyl Iodide
Concen: 19.705 ug/l
RT: 3.95 min Scan# 735
Delta R.T. 0.00 min
Lab File: VN049766.D
Acq: 11 Jul 2018 19:29

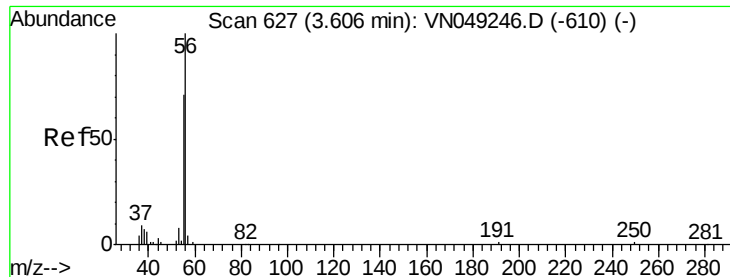
Tgt Ion: 142 Resp: 421346
Ion Ratio Lower Upper
142 100
127 41.3 20.2 60.5
141 13.8 6.9 20.6



#12
Methyl Acetate
Concen: 20.986 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN049766.D
Acq: 11 Jul 2018 19:29

Tgt Ion: 43 Resp: 294928
Ion Ratio Lower Upper
43 100
74 24.7 19.3 28.9





#13

Acrolein

Concen: 84.605 ug/l

RT: 3.61 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN049766.D

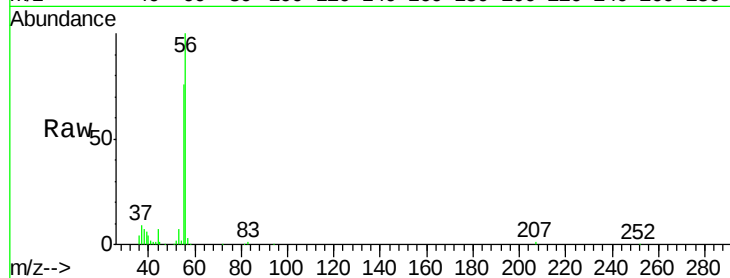
Acq: 11 Jul 2018 19:29

Tgt Ion: 56 Resp: 124351

Ion Ratio Lower Upper

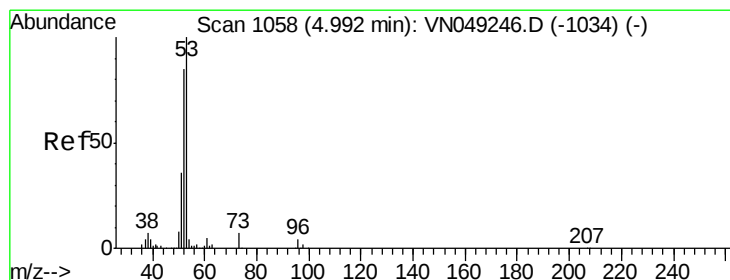
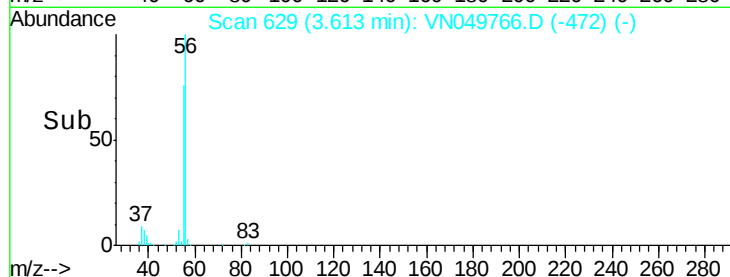
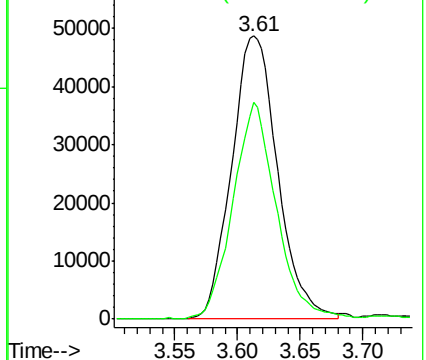
56 100

55 72.3 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: 99.777 ug/l

RT: 5.00 min Scan# 1059

Delta R.T. 0.00 min

Lab File: VN049766.D

Acq: 11 Jul 2018 19:29

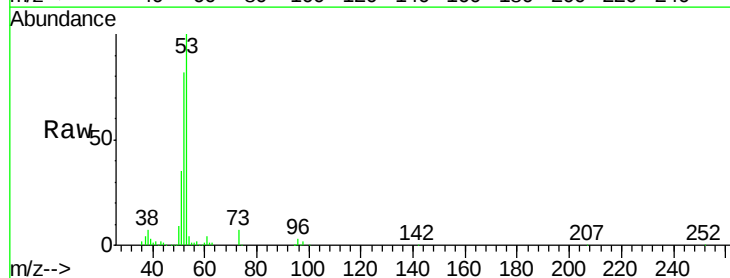
Tgt Ion: 53 Resp: 502967

Ion Ratio Lower Upper

53 100

52 82.0 41.5 124.5

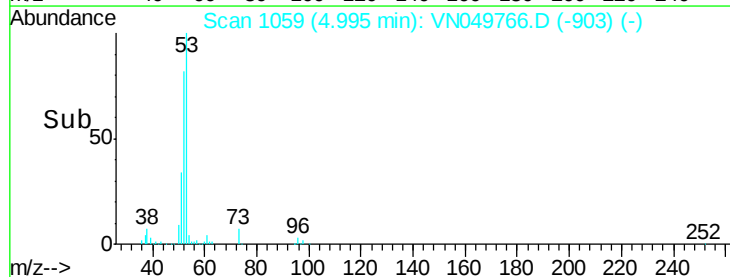
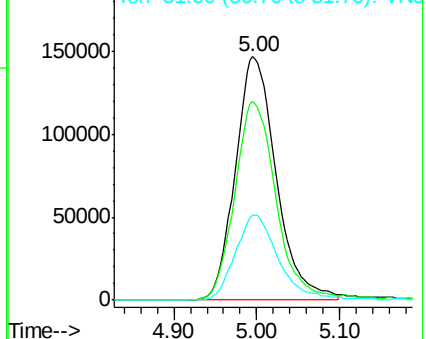
51 36.6 18.7 56.1

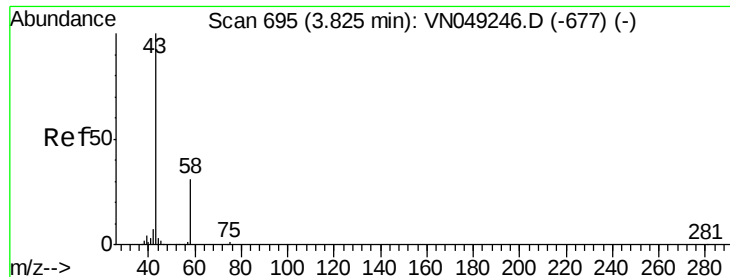


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#15

Acetone

Concen: 94.668 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049766.D

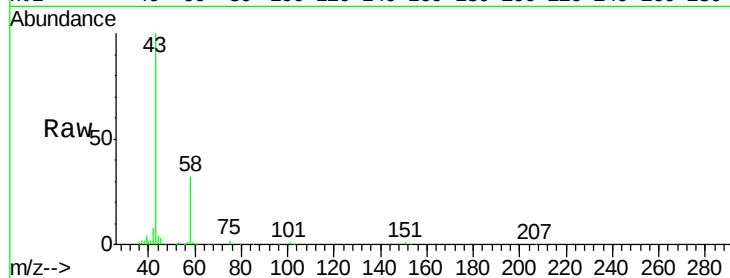
Acq: 11 Jul 2018 19:29

Tgt Ion: 58 Resp: 120398

Ion Ratio Lower Upper

58 100

43 308.6 252.0 378.0



Abundance Ion 58.00 (57.70 to 58.70): VN049766.D (-677) (-)

Ion 43.00 (42.70 to 43.70): VN049766.D (-677) (-)

150000

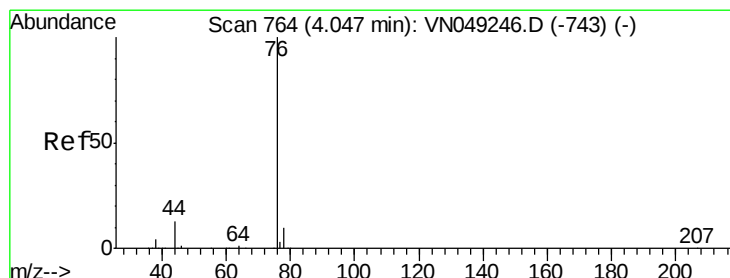
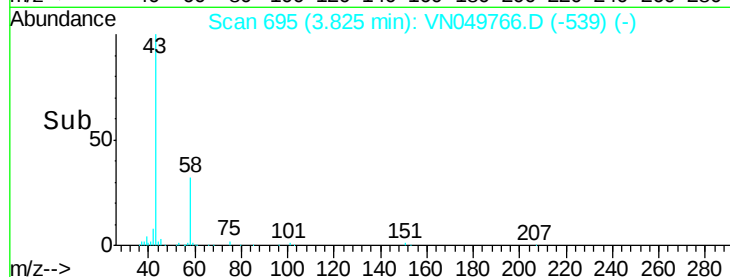
100000

50000

0

3.75 3.80 3.85 3.90

Time-->



#16

Carbon Disulfide

Concen: 20.362 ug/l

RT: 4.05 min Scan# 766

Delta R.T. 0.00 min

Lab File: VN049766.D

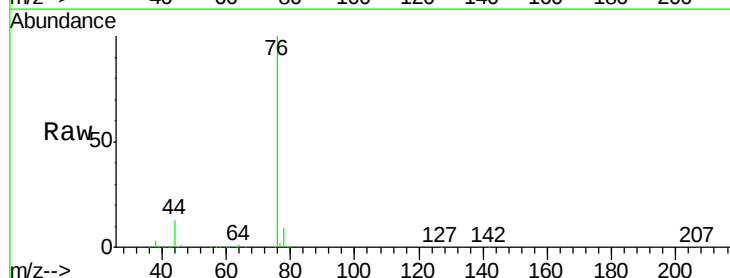
Acq: 11 Jul 2018 19:29

Tgt Ion: 76 Resp: 905164

Ion Ratio Lower Upper

76 100

78 8.7 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VN049766.D (-743) (-)

Ion 78.00 (77.70 to 78.70): VN049766.D (-743) (-)

400000

300000

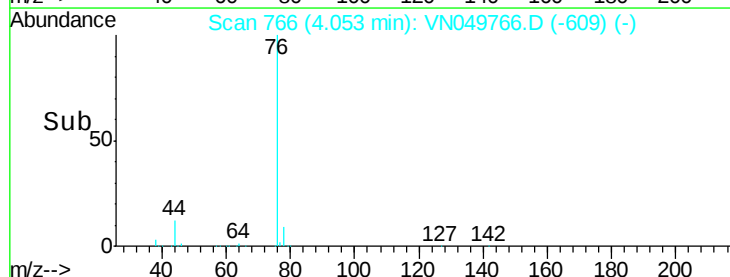
200000

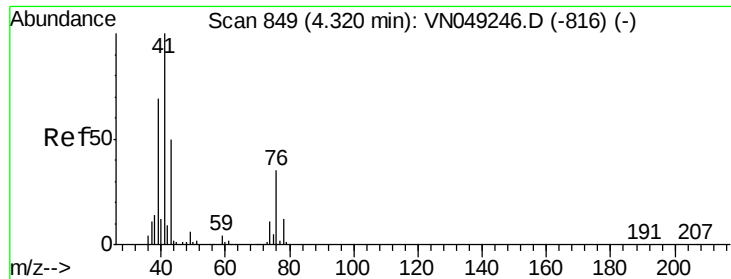
100000

0

4.00 4.05 4.10 4.20

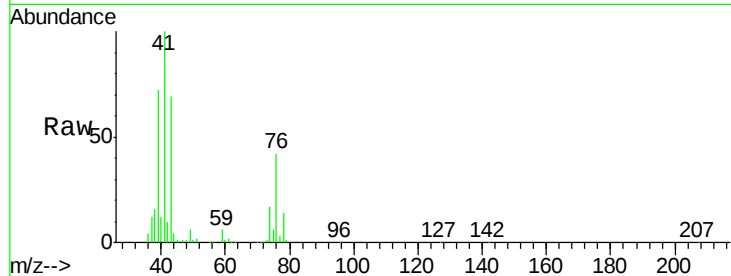
Time-->



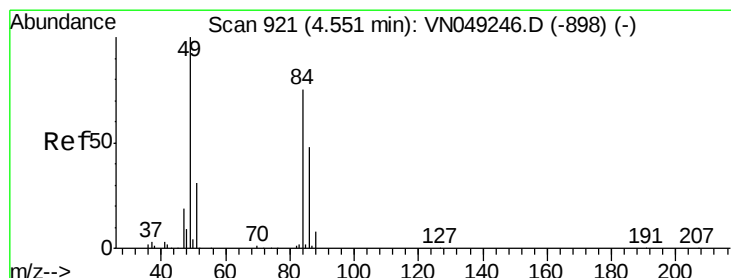
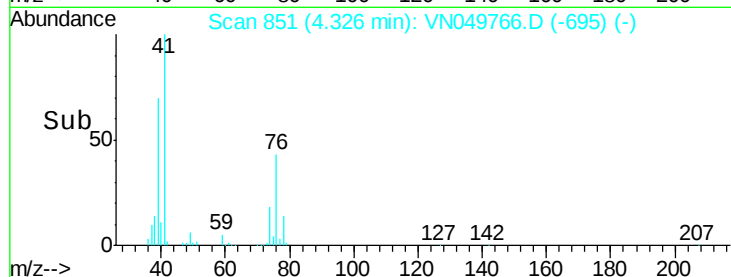
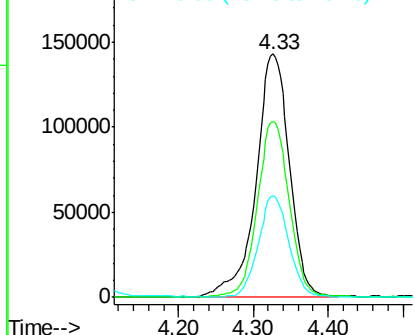


#17
 Allyl chloride
 Concen: 19.541 ug/l
 RT: 4.33 min Scan# 851
 Delta R.T. 0.00 min
 Lab File: VN049766.D
 Acq: 11 Jul 2018 19:29

Tgt Ion: 41 Resp: 443762
 Ion Ratio Lower Upper
 41 100
 39 72.4 35.4 106.3
 76 41.5 19.7 59.1

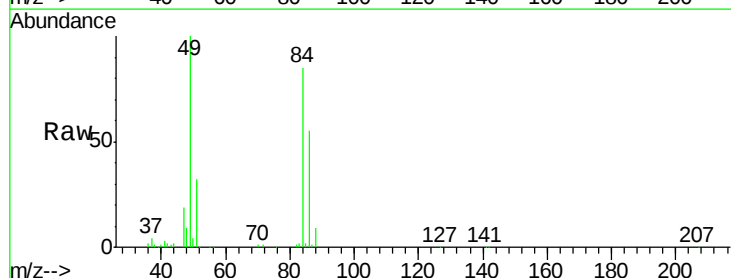


Abundance Ion 41.00 (40.70 to 41.70): VNC
 Ion 39.00 (38.70 to 39.70): VNC
 Ion 76.00 (75.70 to 76.70): VNC

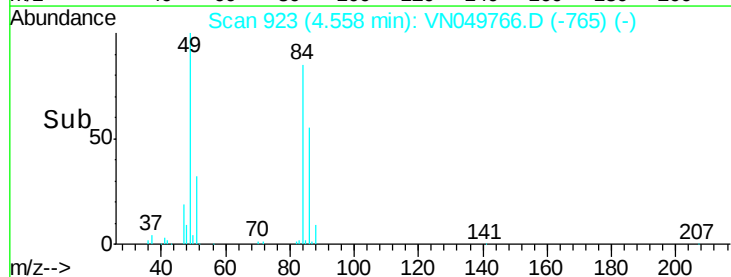
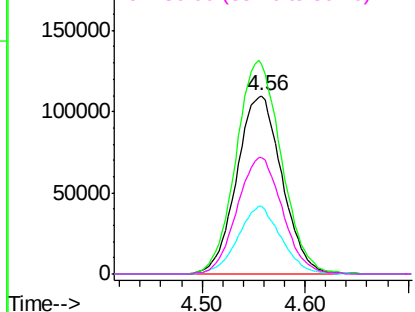


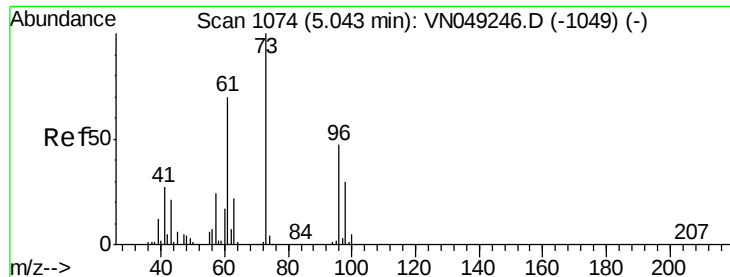
#18
 Methylene Chloride
 Concen: 19.595 ug/l
 RT: 4.56 min Scan# 923
 Delta R.T. 0.01 min
 Lab File: VN049766.D
 Acq: 11 Jul 2018 19:29

Tgt Ion: 84 Resp: 334331
 Ion Ratio Lower Upper
 84 100
 49 117.9 95.1 142.7
 51 37.9 28.8 43.2
 86 65.3 52.3 78.5



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





#19

trans-1,2-Dichloroethene

Concen: 20.479 ug/l

RT: 5.05 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VN049766.D

Acq: 11 Jul 2018 19:29

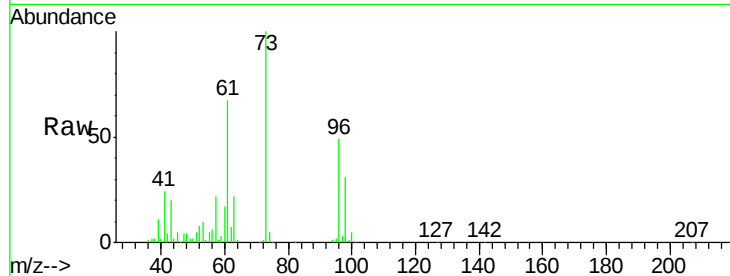
Tgt Ion: 96 Resp: 310984

Ion Ratio Lower Upper

96 100

61 136.3 112.1 168.1

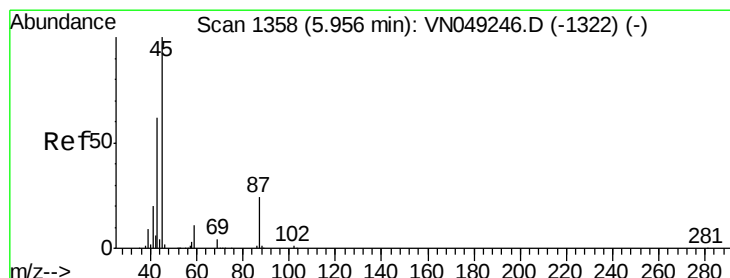
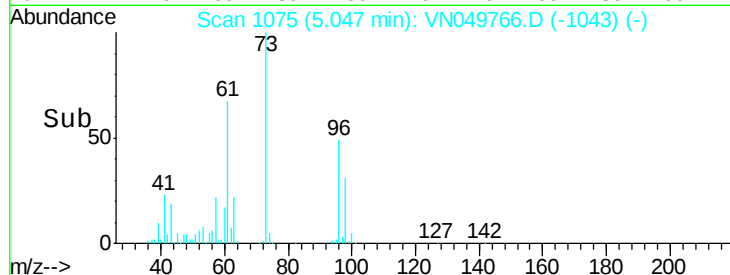
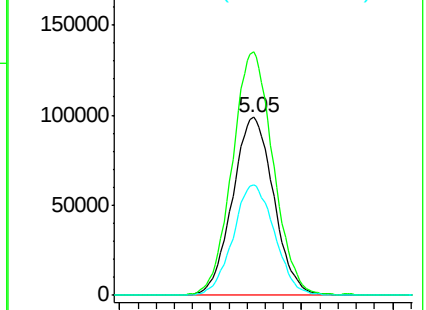
98 62.1 51.3 76.9



Abundance Ion 96.00 (95.70 to 96.70): VN049766.D (-1049) (-)

Ion 61.00 (60.70 to 61.70): VN049766.D (-1049) (-)

Ion 98.00 (97.70 to 98.70): VN049766.D (-1049) (-)



#20

Diisopropyl ether

Concen: 20.615 ug/l

RT: 5.96 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VN049766.D

Acq: 11 Jul 2018 19:29

Tgt Ion: 45 Resp: 944913

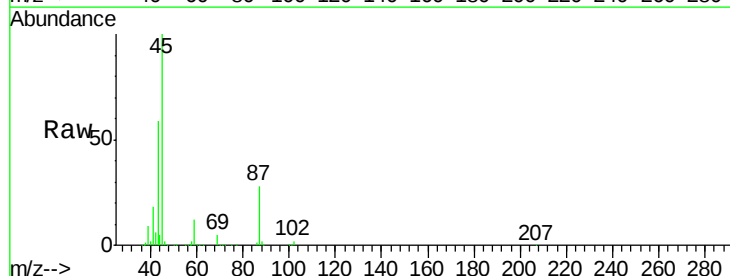
Ion Ratio Lower Upper

45 100

43 58.0 46.6 70.0

87 27.7 22.3 33.5

59 11.8 9.5 14.3

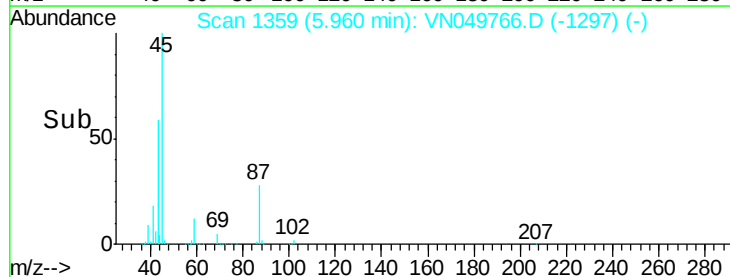
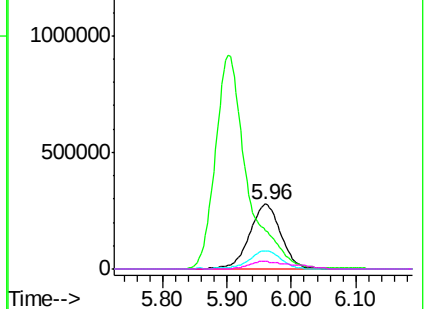


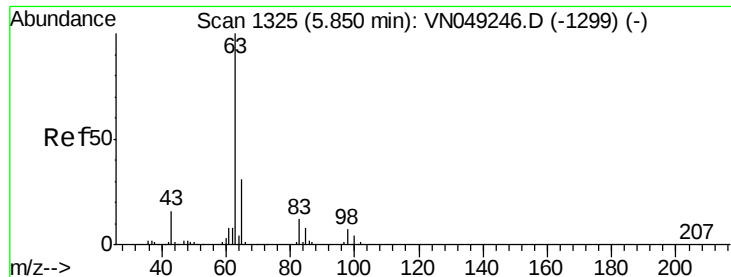
Abundance Ion 45.00 (44.70 to 45.70): VN049766.D (-1297) (-)

Ion 43.00 (42.70 to 43.70): VN049766.D (-1297) (-)

Ion 87.00 (86.70 to 87.70): VN049766.D (-1297) (-)

Ion 59.00 (58.70 to 59.70): VN049766.D (-1297) (-)





#21

1,1-Dichloroethane

Concen: 20.665 ug/l

RT: 5.85 min Scan# 1326

Delta R.T. 0.00 min

Lab File: VN049766.D

Acq: 11 Jul 2018 19:29

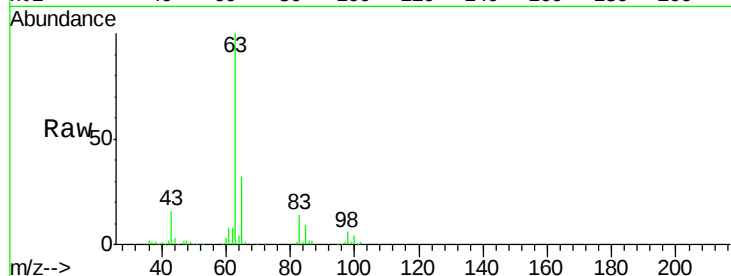
Tgt Ion: 63 Resp: 581429

Ion Ratio Lower Upper

63 100

98 5.9 3.5 10.6

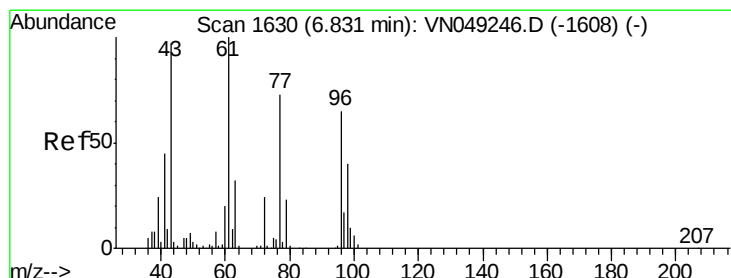
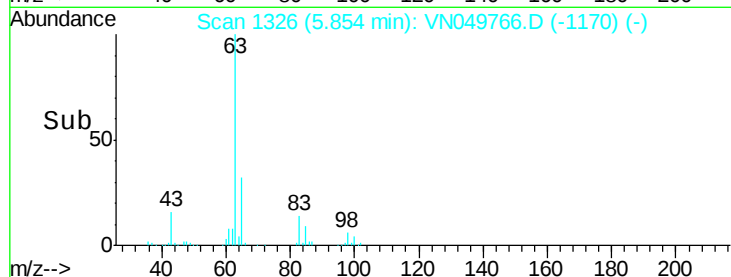
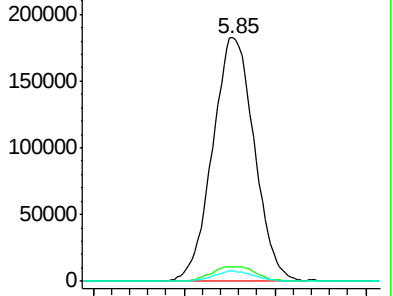
100 4.1 2.3 6.8



Abundance Ion 63.00 (62.70 to 63.70): VN049766.D (-1299) (-)

Ion 98.00 (97.70 to 98.70): VN049766.D (-1299) (-)

Ion 100.00 (99.70 to 100.70): VN049766.D (-1299) (-)



#22

cis-1,2-Dichloroethene

Concen: 20.242 ug/l

RT: 6.83 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VN049766.D

Acq: 11 Jul 2018 19:29

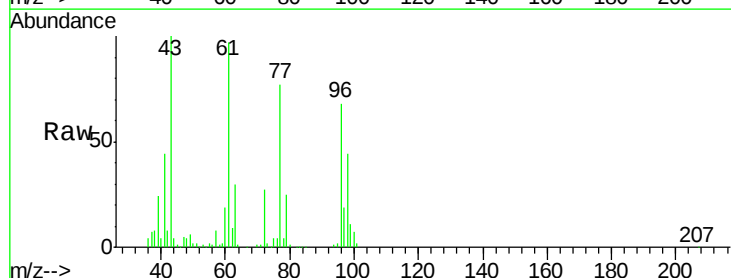
Tgt Ion: 96 Resp: 342340

Ion Ratio Lower Upper

96 100

61 142.2 114.2 171.2

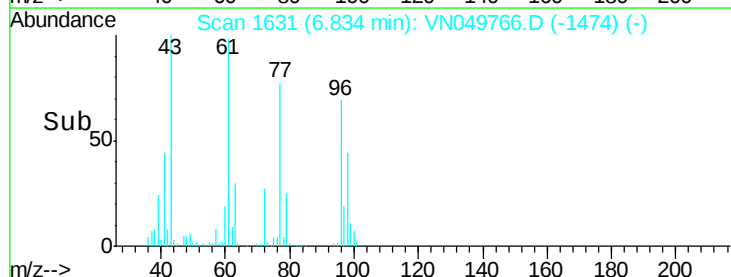
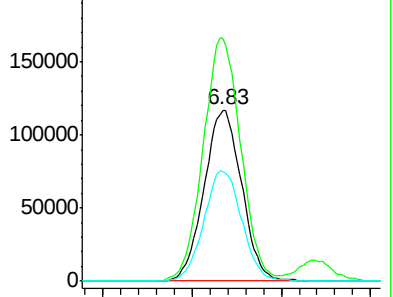
98 65.0 51.7 77.5

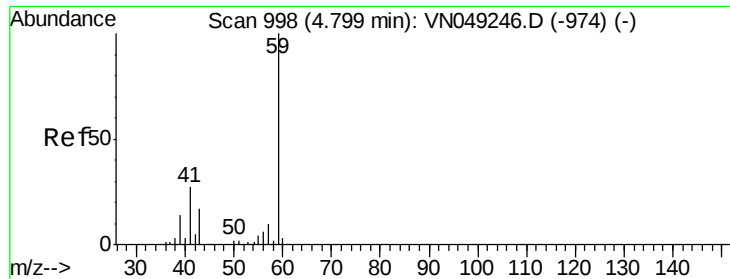


Abundance Ion 96.00 (95.70 to 96.70): VN049766.D (-1608) (-)

Ion 61.00 (60.70 to 61.70): VN049766.D (-1608) (-)

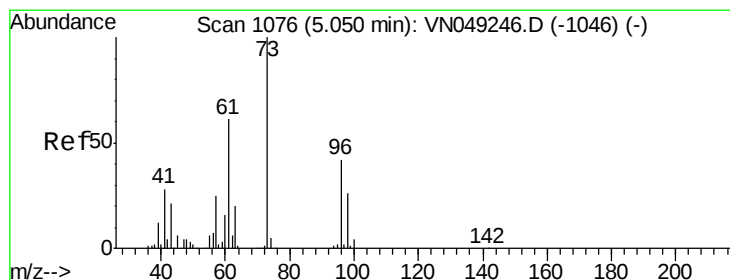
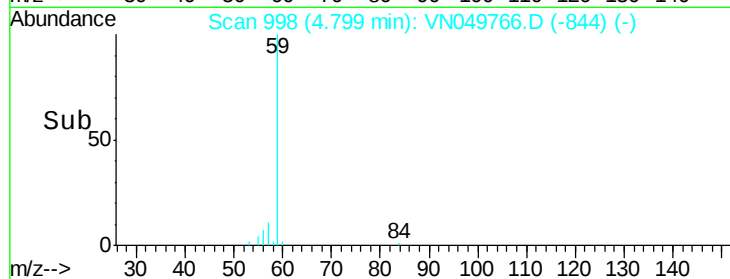
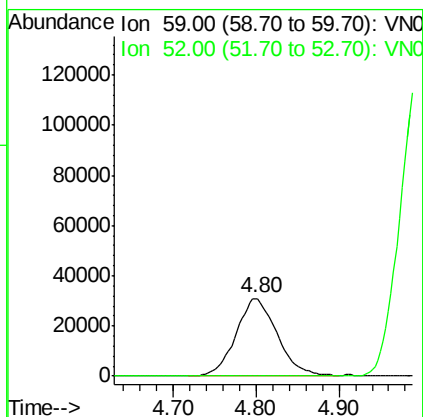
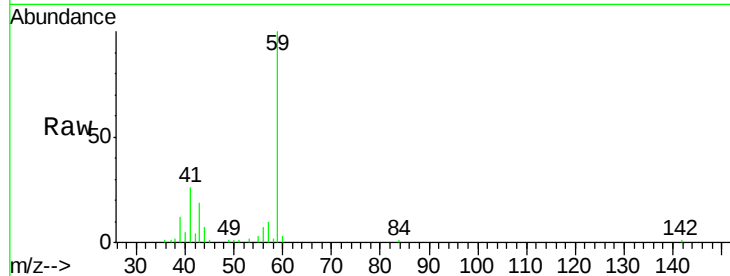
Ion 98.00 (97.70 to 98.70): VN049766.D (-1608) (-)





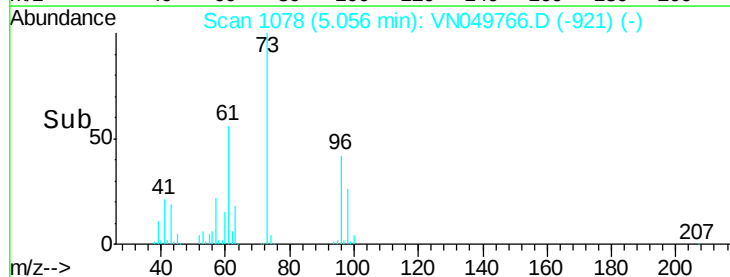
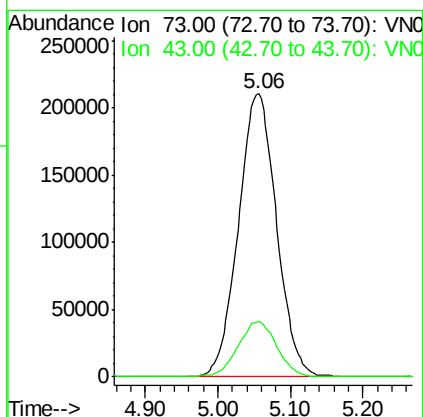
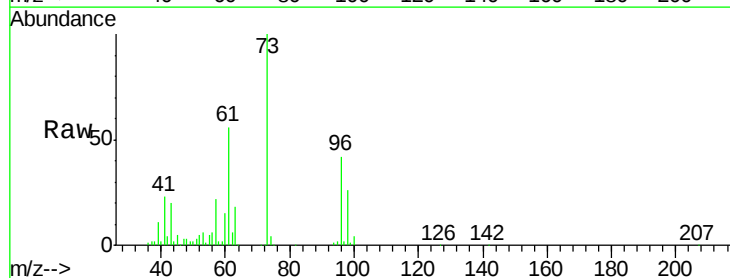
#23
 tert-Butyl Alcohol
 Concen: 101.704 ug/l
 RT: 4.80 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: VN049766.D
 Acq: 11 Jul 2018 19:29

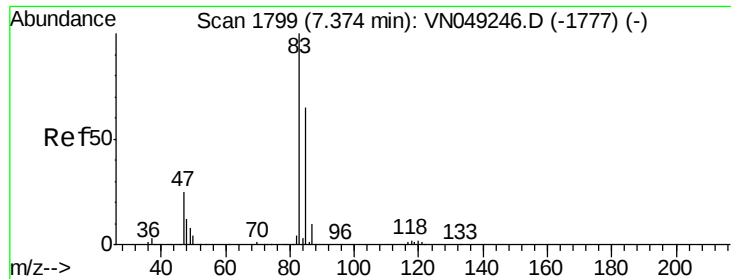
Tgt Ion: 59 Resp: 107392
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.1 0.1



#24
 Methyl tert-Butyl Ether
 Concen: 20.159 ug/l
 RT: 5.06 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: VN049766.D
 Acq: 11 Jul 2018 19:29

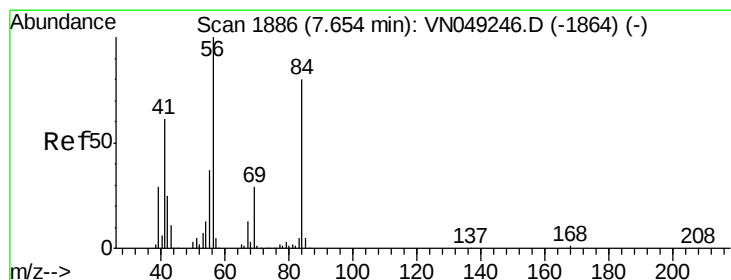
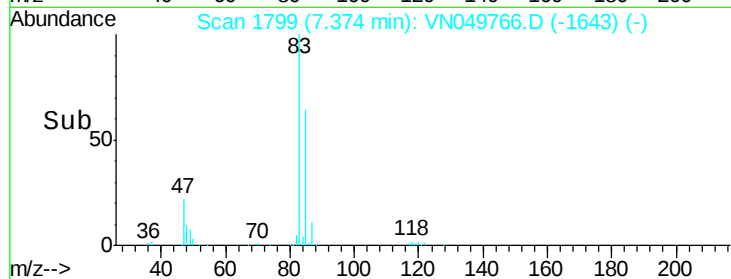
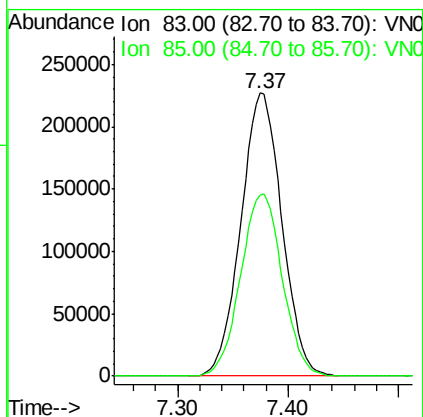
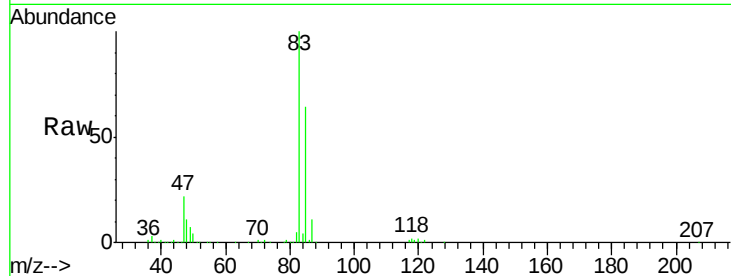
Tgt Ion: 73 Resp: 771144
 Ion Ratio Lower Upper
 73 100
 43 19.1 15.5 23.3





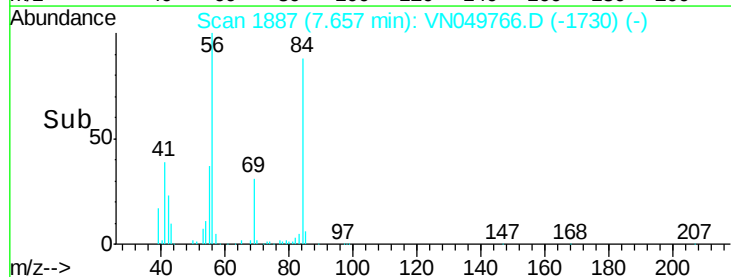
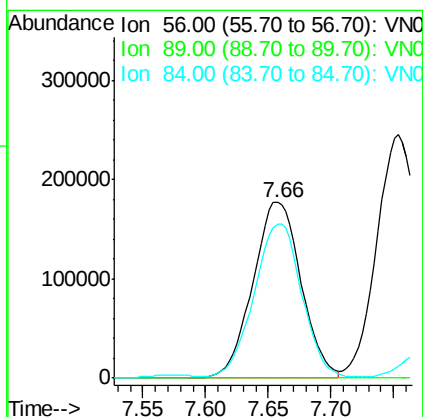
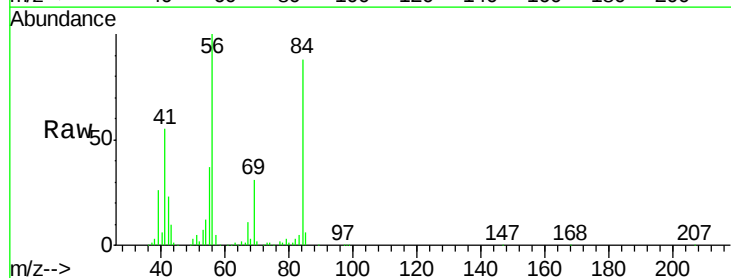
#25
Chloroform
Concen: 20.627 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN049766.D
Acq: 11 Jul 2018 19:29

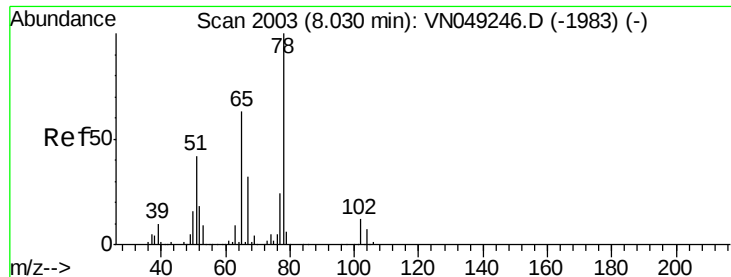
Tgt Ion: 83 Resp: 585991
Ion Ratio Lower Upper
83 100
85 64.1 52.1 78.1



#26
Cyclohexane
Concen: 19.990 ug/l
RT: 7.66 min Scan# 1887
Delta R.T. 0.00 min
Lab File: VN049766.D
Acq: 11 Jul 2018 19:29

Tgt Ion: 56 Resp: 474898
Ion Ratio Lower Upper
56 100
89 0.2 3.0 4.4#
84 85.9 69.8 104.8





#27

1,2-Dichloroethane-d4

Concen: 30.549 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049766.D

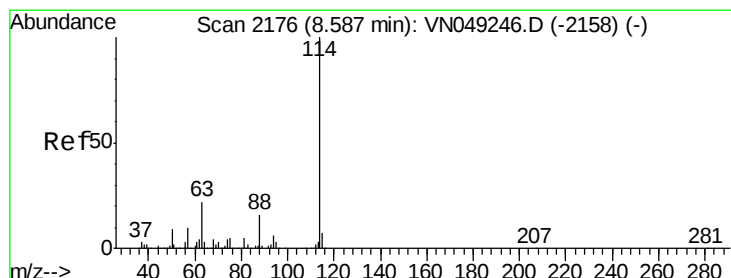
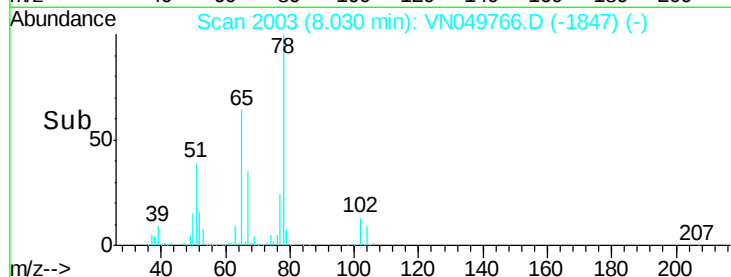
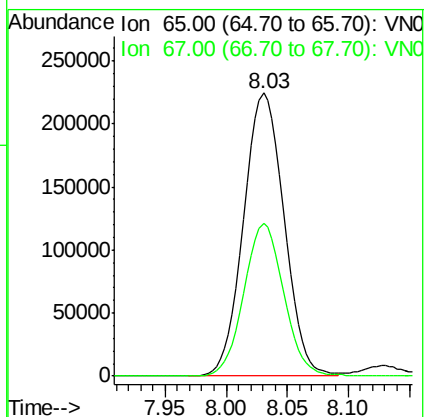
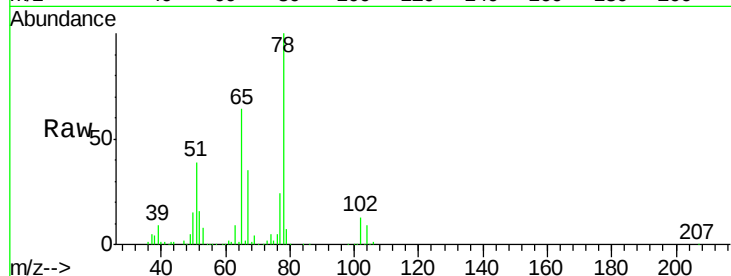
Acq: 11 Jul 2018 19:29

Tgt Ion: 65 Resp: 517311

Ion Ratio Lower Upper

65 100

67 52.5 42.7 64.1



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049766.D

Acq: 11 Jul 2018 19:29

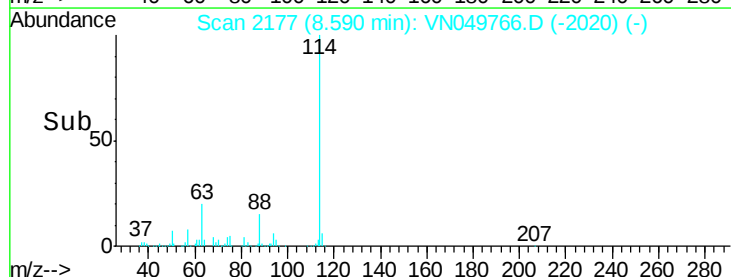
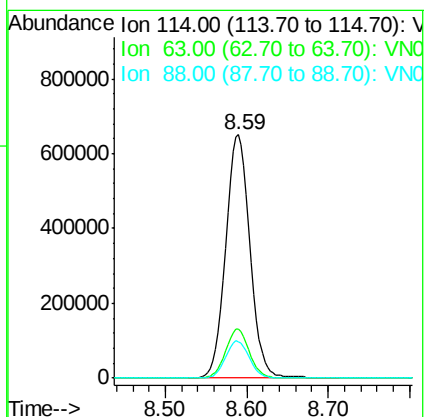
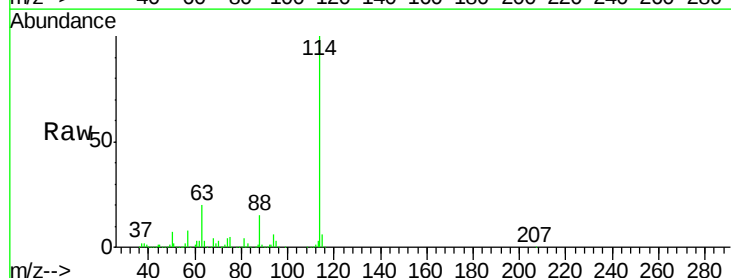
Tgt Ion: 114 Resp: 1369939

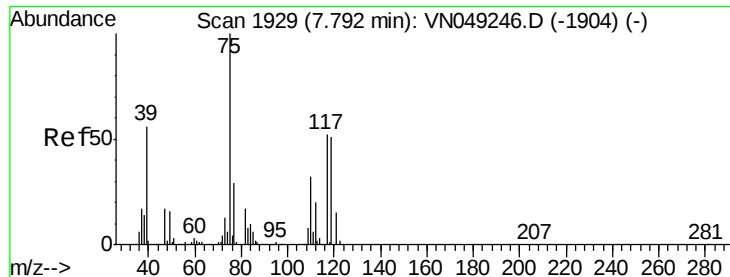
Ion Ratio Lower Upper

114 100

63 19.8 16.2 24.2

88 15.0 12.3 18.5





#29

1,1-Dichloropropene

Concen: 20.158 ug/l

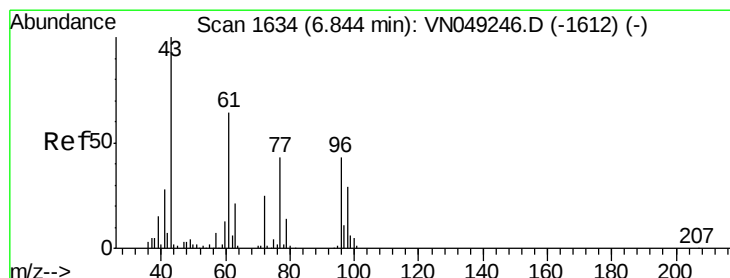
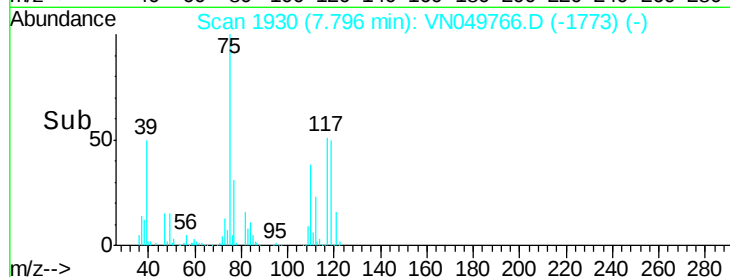
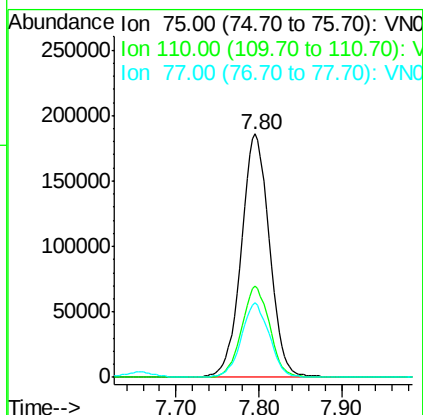
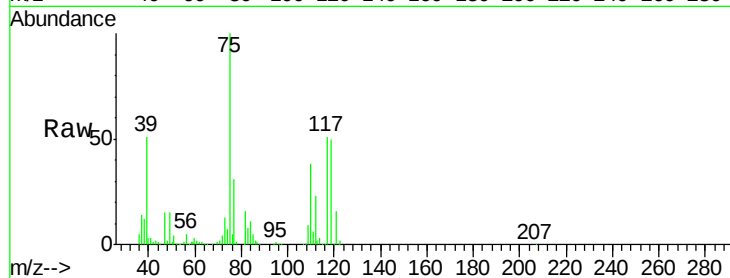
RT: 7.80 min Scan# 1930

Delta R.T. 0.00 min

Lab File: VN049766.D

Acq: 11 Jul 2018 19:29

Tgt Ion:	75	Resp:	439506
Ion	Ratio	Lower	Upper
75	100		
110	36.9	0.0	73.2
77	30.4	0.0	62.0



#30

2-Butanone

Concen: 93.645 ug/l

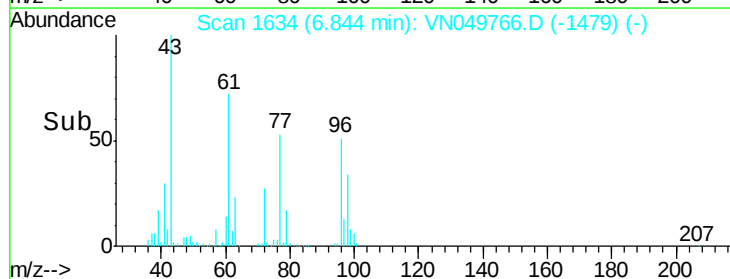
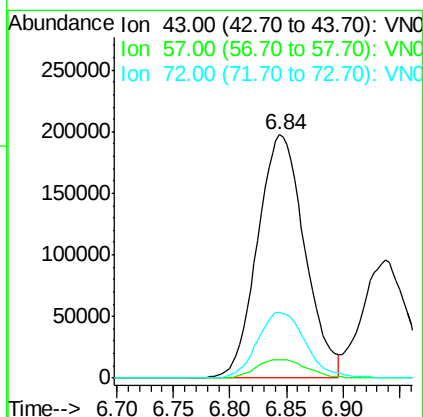
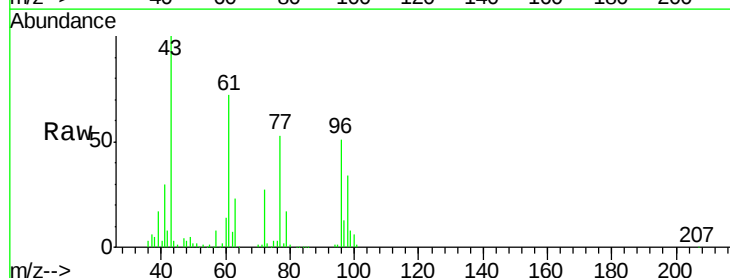
RT: 6.84 min Scan# 1634

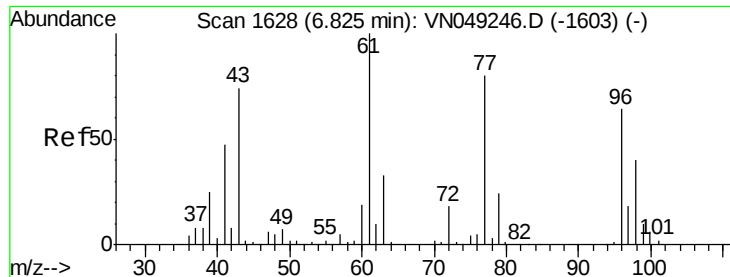
Delta R.T. -0.00 min

Lab File: VN049766.D

Acq: 11 Jul 2018 19:29

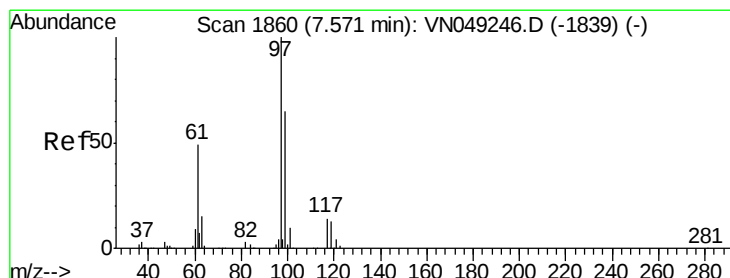
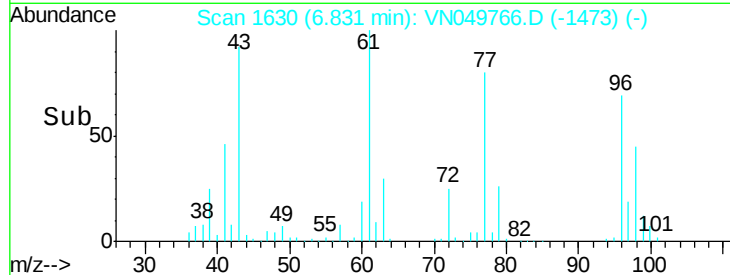
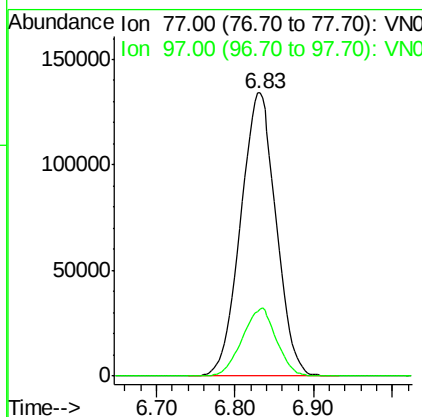
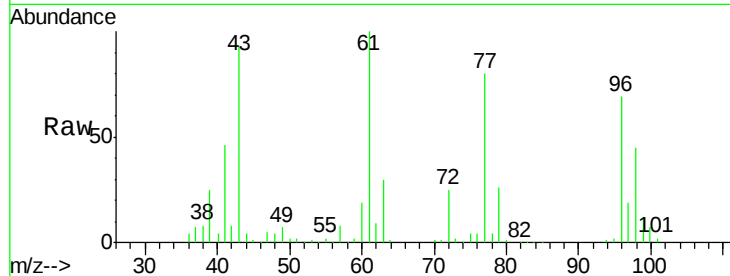
Tgt Ion:	43	Resp:	568737
Ion	Ratio	Lower	Upper
43	100		
57	8.3	6.8	10.2
72	27.8	21.4	32.0





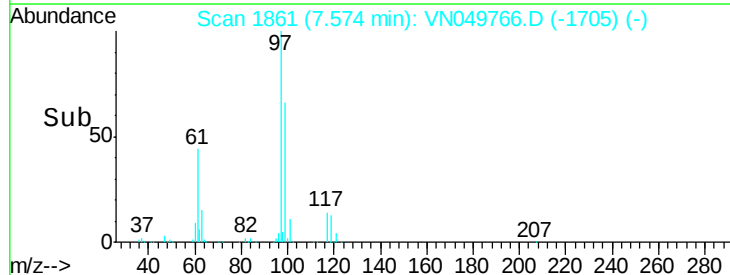
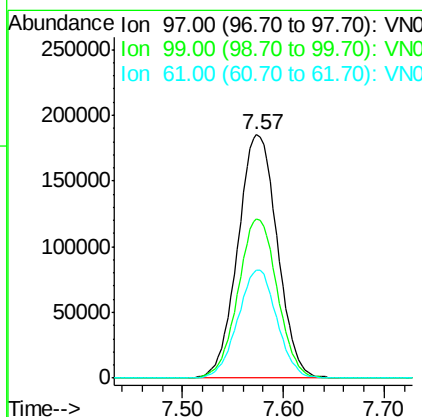
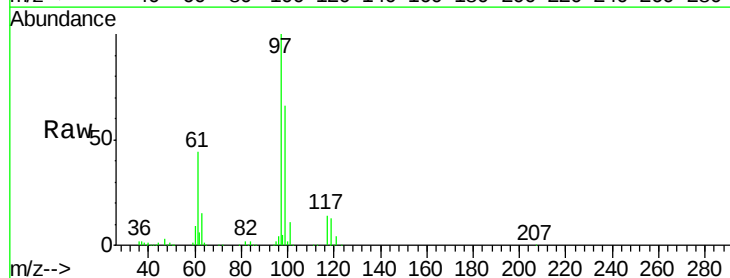
#31
 2,2-Dichloropropane
 Concen: 18.235 ug/l
 RT: 6.83 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: VN049766.D
 Acq: 11 Jul 2018 19:29

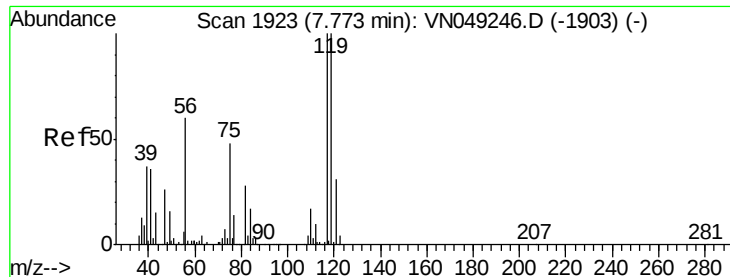
Tgt Ion: 77 Resp: 426250
 Ion Ratio Lower Upper
 77 100
 97 23.2 18.9 28.3



#32
 1,1,1-Trichloroethane
 Concen: 20.061 ug/l
 RT: 7.57 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VN049766.D
 Acq: 11 Jul 2018 19:29

Tgt Ion: 97 Resp: 502725
 Ion Ratio Lower Upper
 97 100
 99 65.0 51.2 76.8
 61 43.8 35.3 52.9





#33

Carbon Tetrachloride

Concen: 20.105 ug/l

RT: 7.78 min Scan# 1924

Delta R.T. 0.00 min

Lab File: VN049766.D

Acq: 11 Jul 2018 19:29

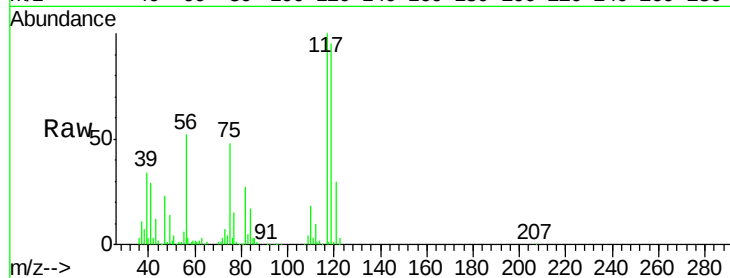
Tgt Ion: 117 Resp: 446625

Ion Ratio Lower Upper

117 100

119 95.1 76.9 115.3

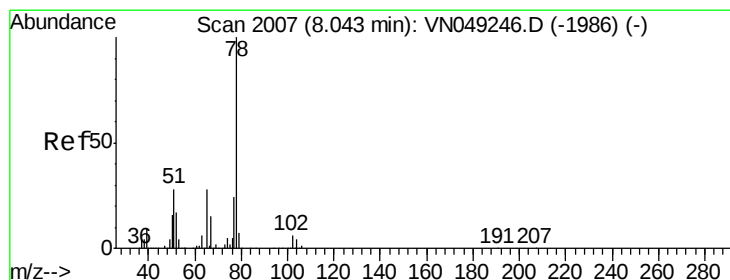
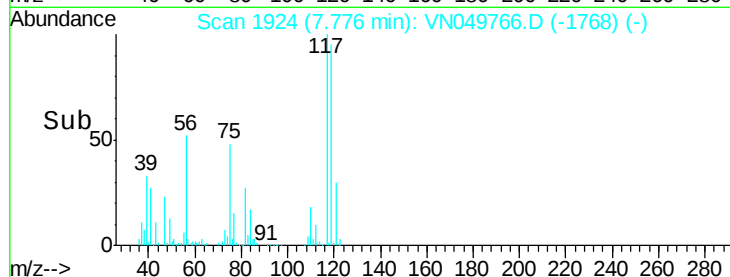
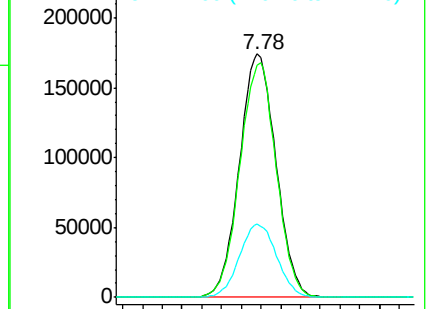
121 29.9 24.4 36.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 20.074 ug/l

RT: 8.05 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VN049766.D

Acq: 11 Jul 2018 19:29

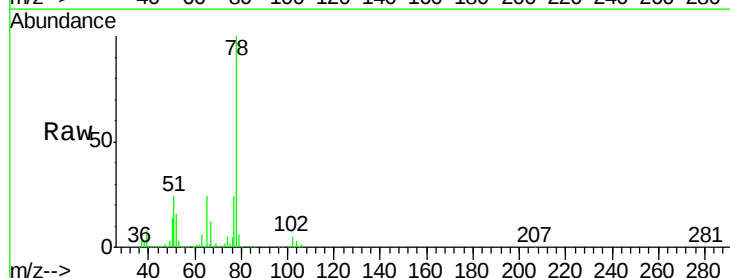
Tgt Ion: 78 Resp: 1312318

Ion Ratio Lower Upper

78 100

77 23.6 19.1 28.7

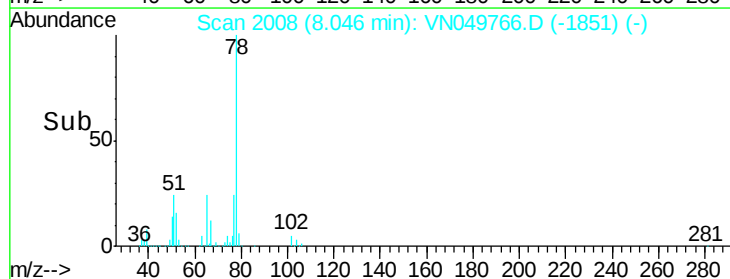
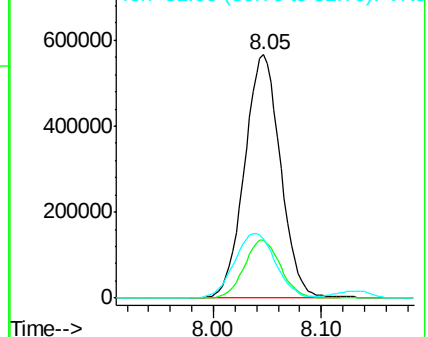
51 24.2 21.0 31.4

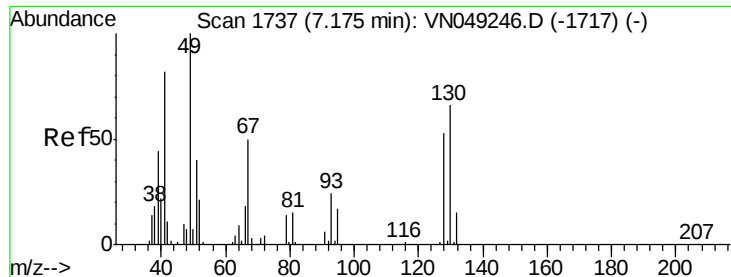


Abundance Ion 78.10 (77.80 to 78.80): V

Ion 77.00 (76.70 to 77.70): V

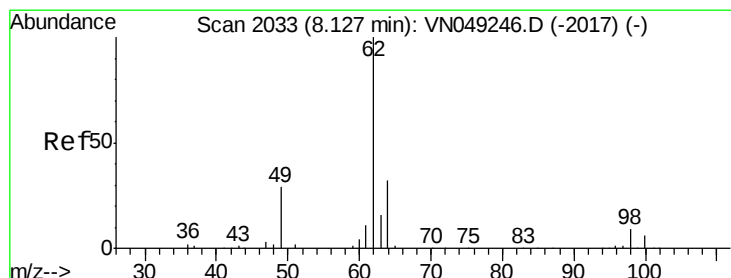
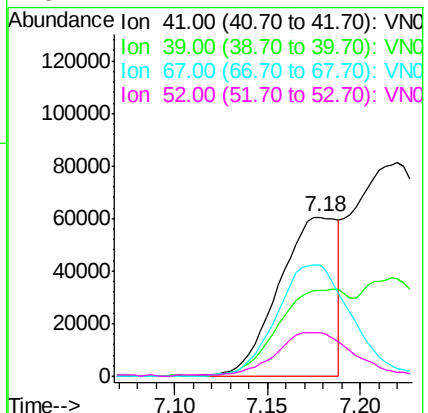
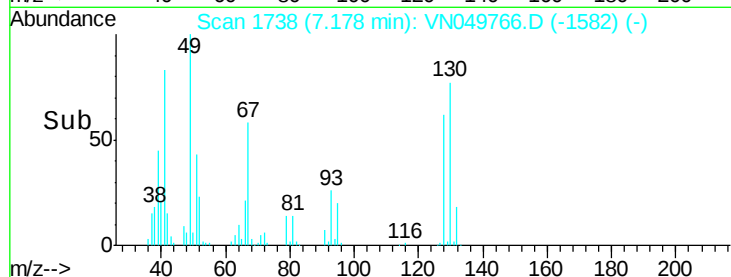
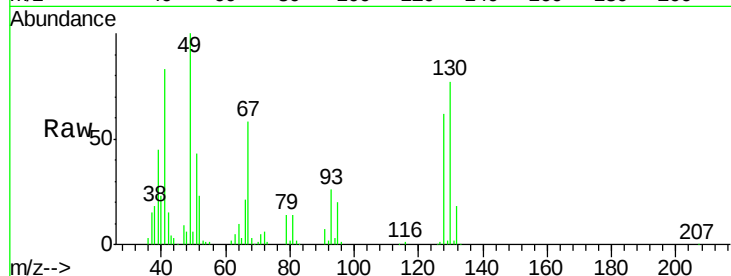
Ion 51.00 (50.70 to 51.70): V





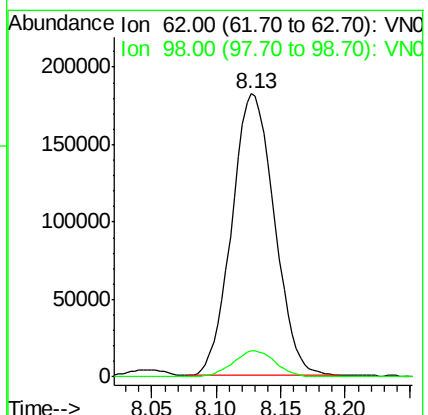
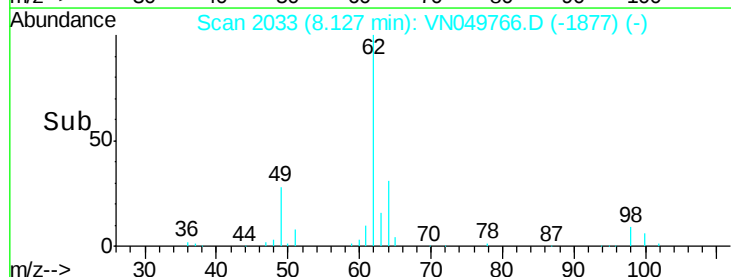
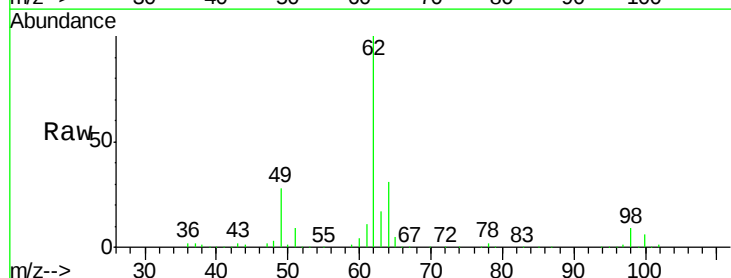
#35
Methacrylonitrile
Concen: 19.002 ug/l
RT: 7.18 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN049766.D
Acq: 11 Jul 2018 19:29

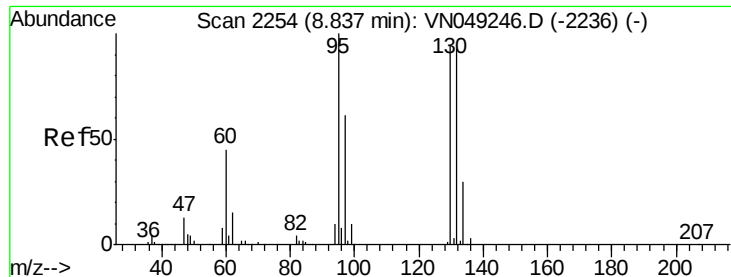
Tgt Ion:	41	Resp:	131819
Ion	Ratio	Lower	Upper
41	100		
39	53.9	27.6	82.7
67	70.2	35.1	105.5
52	27.2	14.1	42.4



#36
1,2-Dichloroethane
Concen: 20.037 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN049766.D
Acq: 11 Jul 2018 19:29

Tgt Ion:	62	Resp:	418158
Ion	Ratio	Lower	Upper
62	100		
98	9.4	7.8	11.6





#37

Trichloroethene

Concen: 19.615 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN049766.D

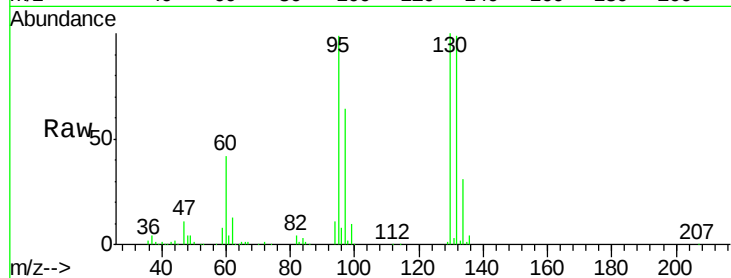
Acq: 11 Jul 2018 19:29

Tgt Ion: 130 Resp: 334145

Ion Ratio Lower Upper

130 100

95 99.1 79.7 119.5



Abundance Ion 129.90 (129.60 to 130.60): VN049766.D (-2098) (-)

Ion 94.90 (94.60 to 95.60): VN049766.D (-2098) (-)

8.84

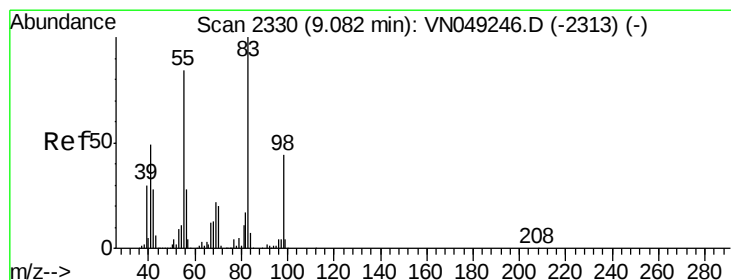
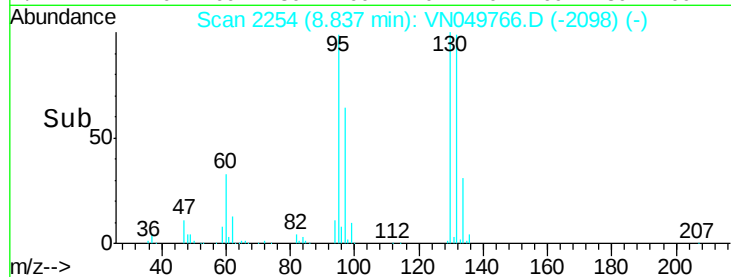
150000

100000

50000

0

Time-->



#38

Methylcyclohexane

Concen: 19.119 ug/l

RT: 9.09 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VN049766.D

Acq: 11 Jul 2018 19:29

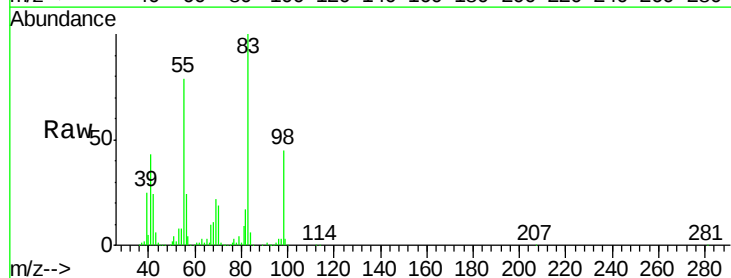
Tgt Ion: 83 Resp: 449095

Ion Ratio Lower Upper

83 100

55 78.1 39.3 117.8

98 45.7 23.0 69.0



Abundance Ion 83.00 (82.70 to 83.70): VN049766.D (-2174) (-)

Ion 55.00 (54.70 to 55.70): VN049766.D (-2174) (-)

Ion 98.00 (97.70 to 98.70): VN049766.D (-2174) (-)

9.09

250000

200000

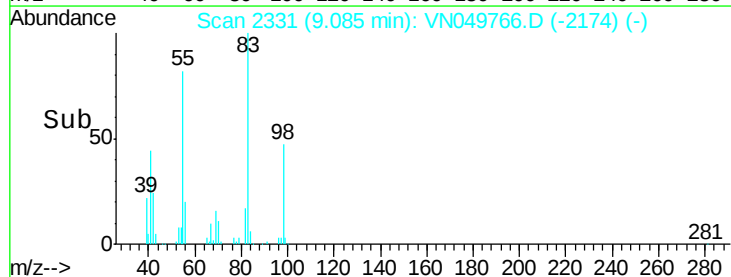
150000

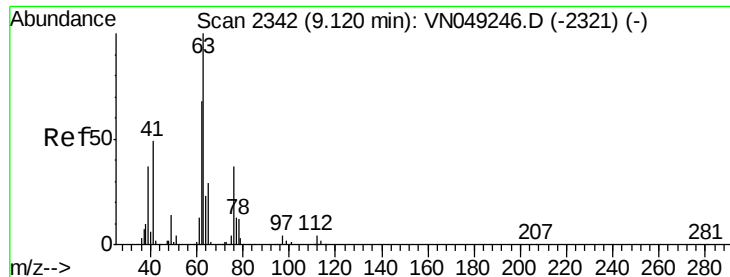
100000

50000

0

Time-->





#39

1,2-Dichloropropane

Concen: 20.187 ug/l

RT: 9.12 min Scan# 2343

Delta R.T. 0.00 min

Lab File: VN049766.D

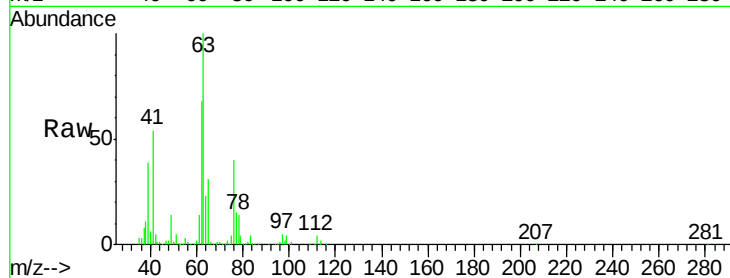
Acq: 11 Jul 2018 19:29

Tgt Ion: 63 Resp: 342659

Ion Ratio Lower Upper

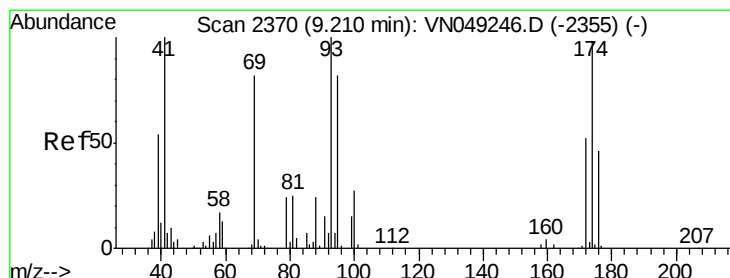
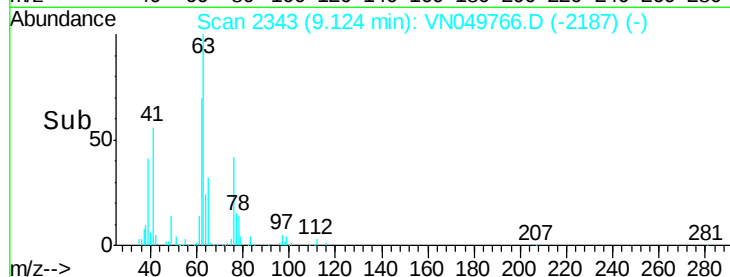
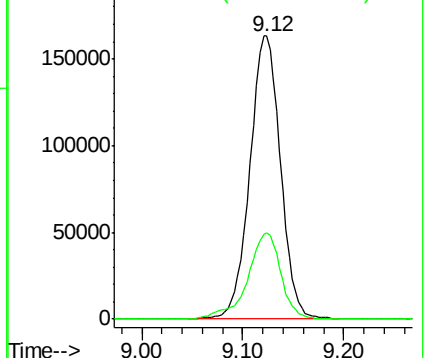
63 100

65 30.6 24.2 36.2



Abundance Ion 63.00 (62.70 to 63.70): VN0

Ion 65.00 (64.70 to 65.70): VN0



#40

Dibromomethane

Concen: 20.170 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN049766.D

Acq: 11 Jul 2018 19:29

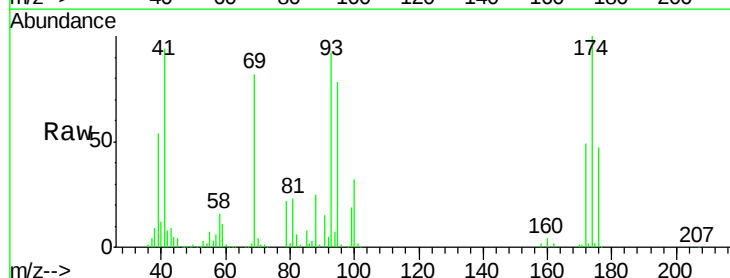
Tgt Ion: 93 Resp: 205869

Ion Ratio Lower Upper

93 100

95 84.4 0.0 165.6

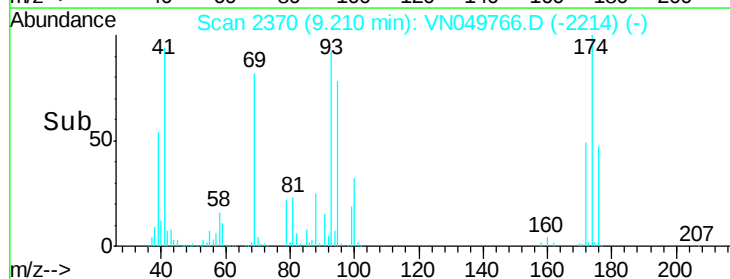
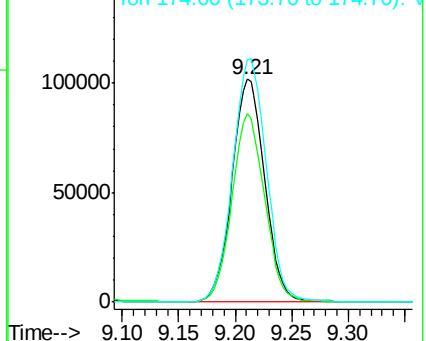
174 112.2 0.0 223.2

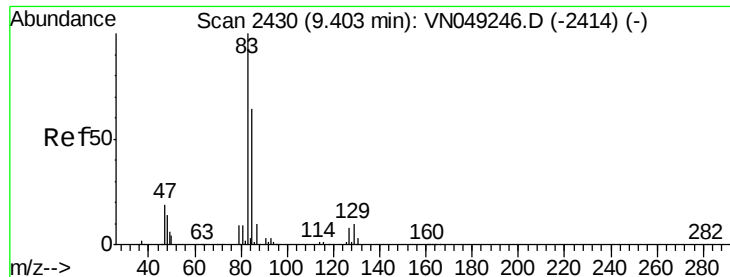


Abundance Ion 93.00 (92.70 to 93.70): VN0

Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 19.834 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN049766.D

Acq: 11 Jul 2018 19:29

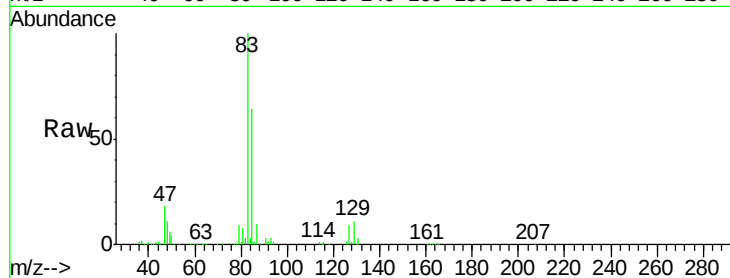
Tgt Ion: 83 Resp: 435378

Ion Ratio Lower Upper

83 100

85 63.9 52.6 78.8

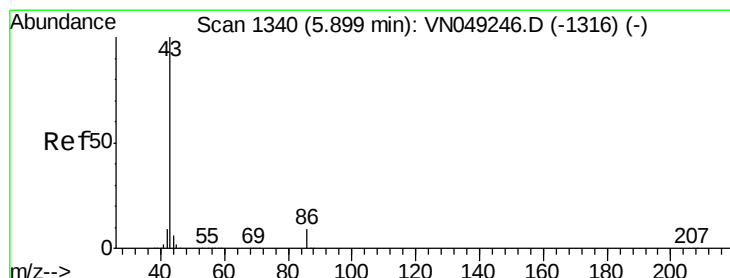
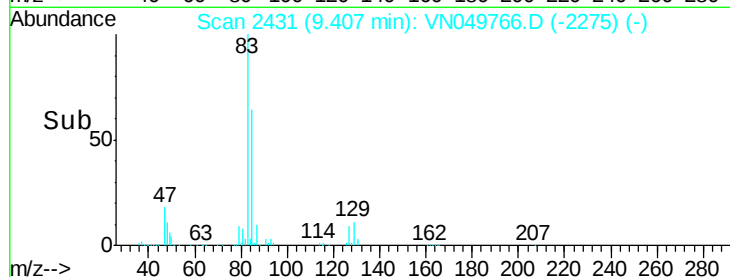
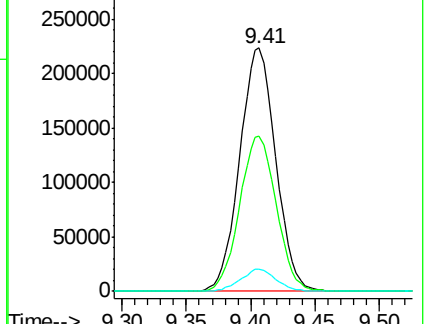
127 8.9 7.0 10.4



Abundance Ion 83.00 (82.70 to 83.70): VN049766.D (-2275) (-)

Ion 85.00 (84.70 to 85.70): VN049766.D (-2275) (-)

Ion 127.00 (126.70 to 127.70): VN049766.D (-2275) (-)



#42

Vinyl Acetate

Concen: 97.300 ug/l

RT: 5.90 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VN049766.D

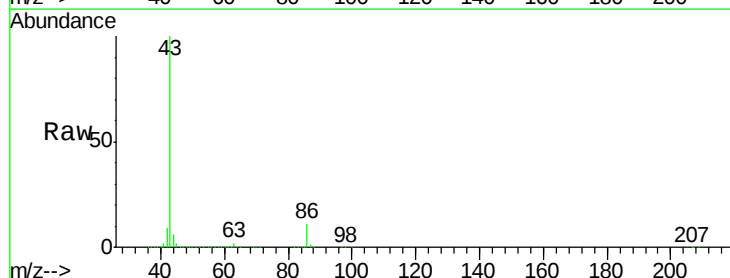
Acq: 11 Jul 2018 19:29

Tgt Ion: 43 Resp: 3135920

Ion Ratio Lower Upper

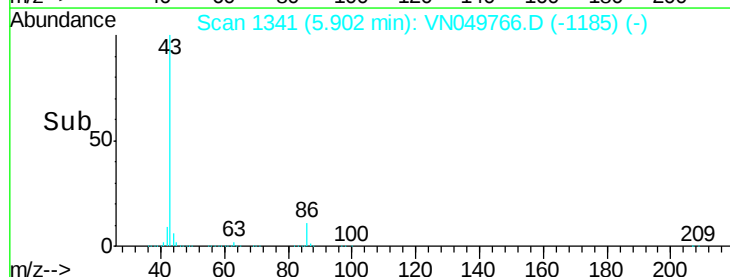
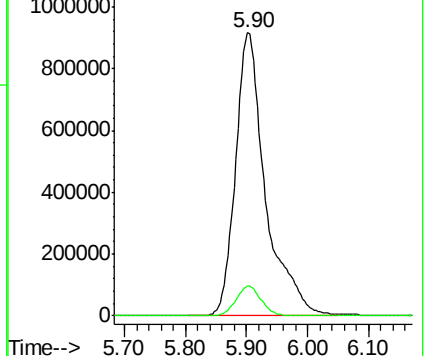
43 100

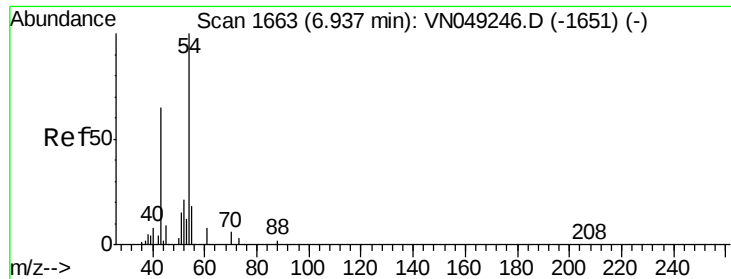
86 8.9 7.3 10.9



Abundance Ion 43.00 (42.70 to 43.70): VN049766.D (-1185) (-)

Ion 86.00 (85.70 to 86.70): VN049766.D (-1185) (-)





#43

Ethyl Acetate

Concen: 20.462 ug/l

RT: 6.94 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VN049766.D

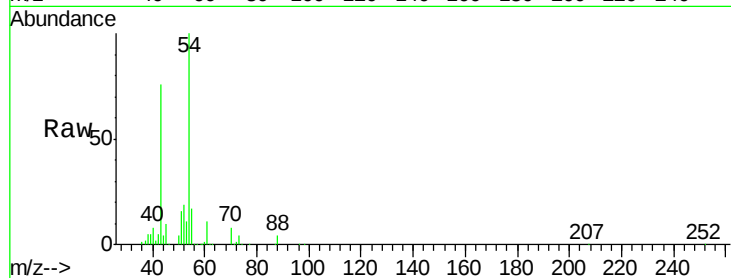
Acq: 11 Jul 2018 19:29

Tgt Ion: 43 Resp: 262404

Ion Ratio Lower Upper

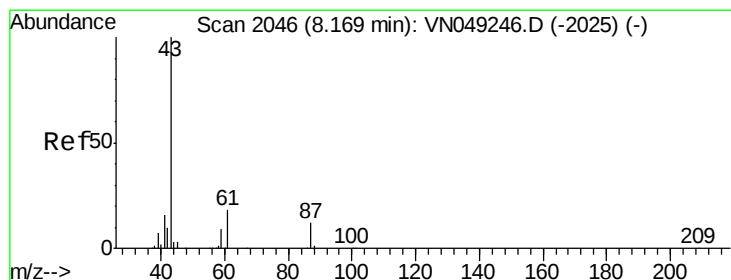
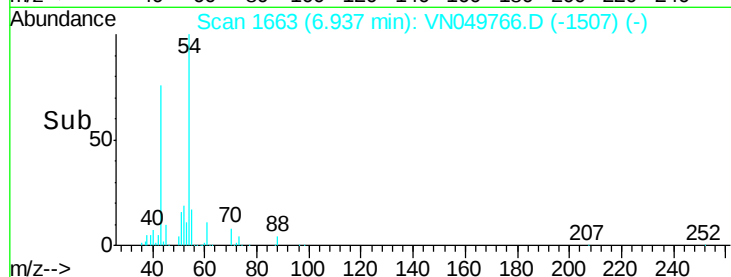
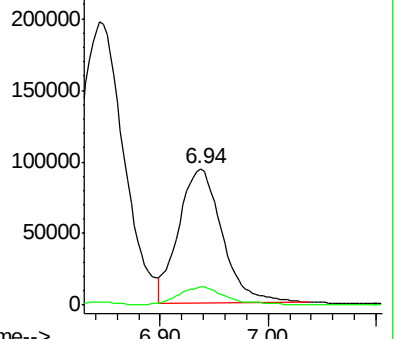
43 100

45 12.8 13.0 19.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#44

Isopropyl Acetate

Concen: 20.221 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN049766.D

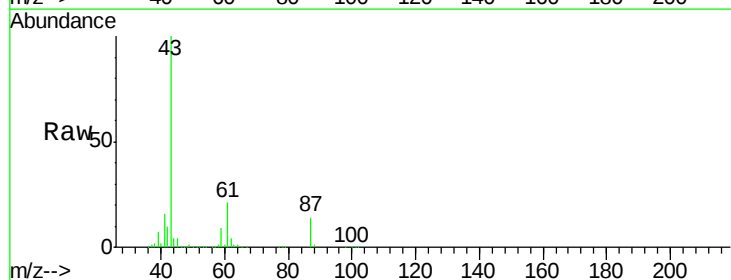
Acq: 11 Jul 2018 19:29

Tgt Ion: 43 Resp: 484868

Ion Ratio Lower Upper

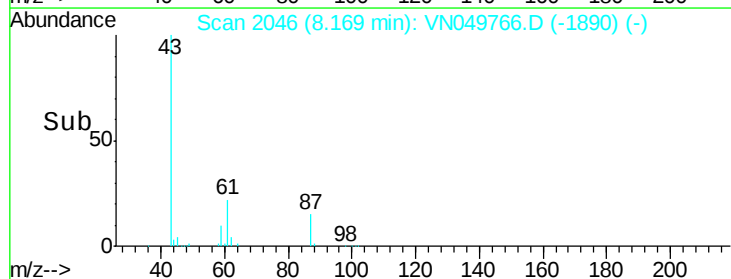
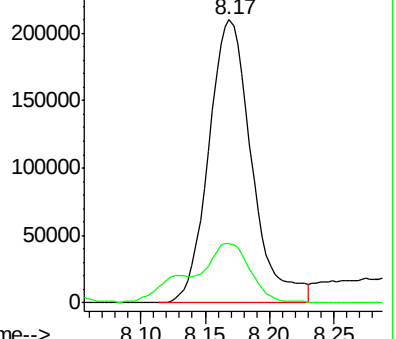
43 100

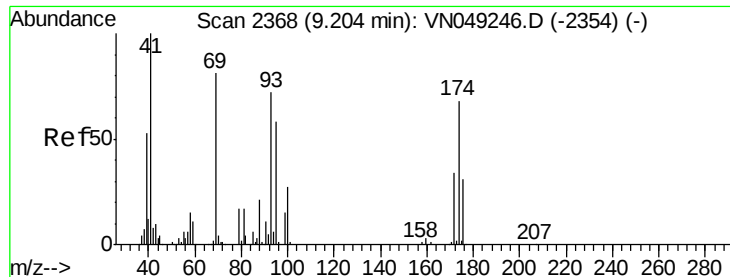
61 18.9 16.4 24.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

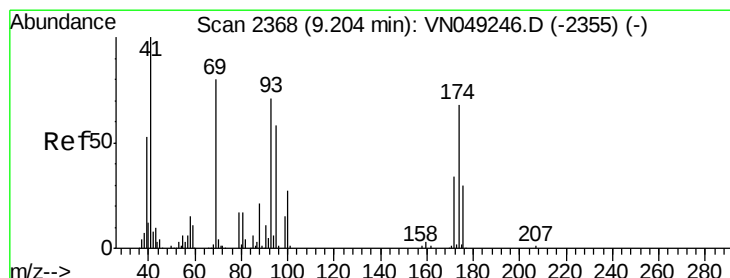
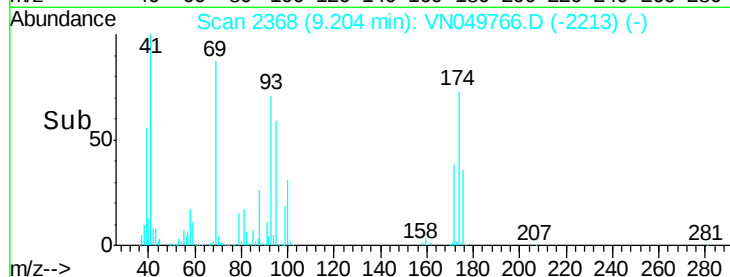
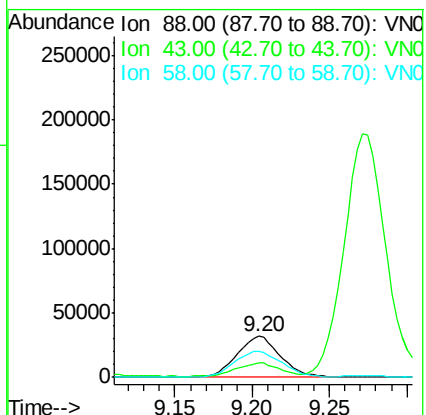
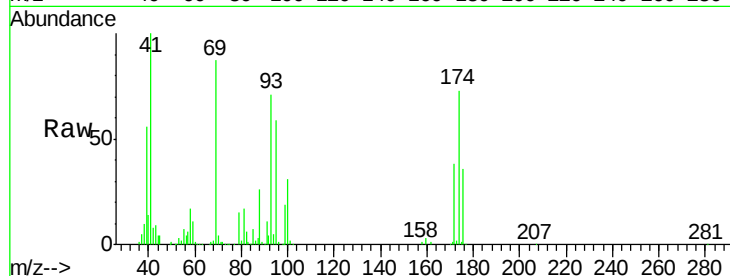
Ion 61.00 (60.70 to 61.70): VN0





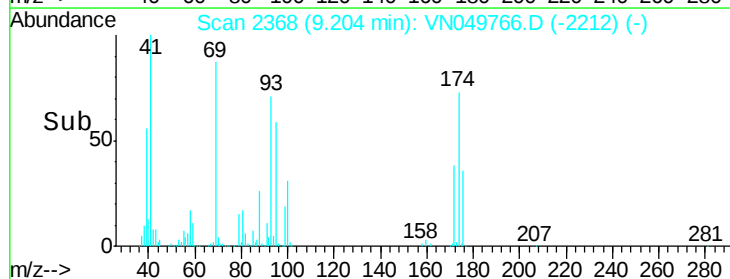
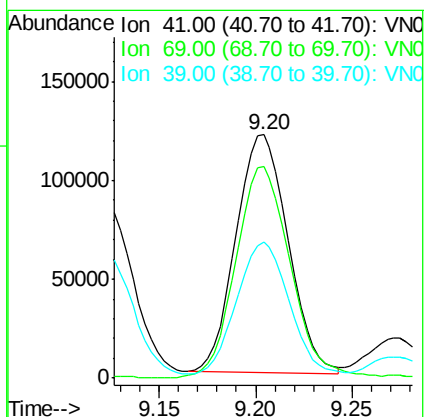
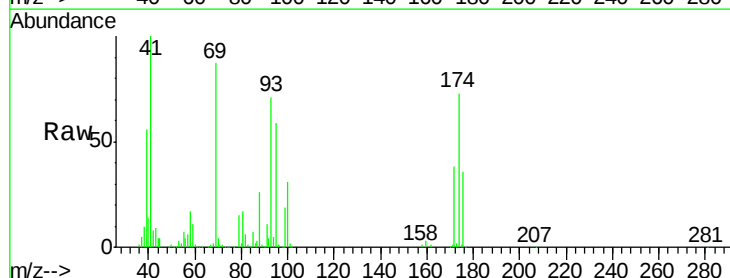
#45
1,4-Dioxane
Concen: 395.701 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. -0.00 min
Lab File: VN049766.D
Acq: 11 Jul 2018 19:29

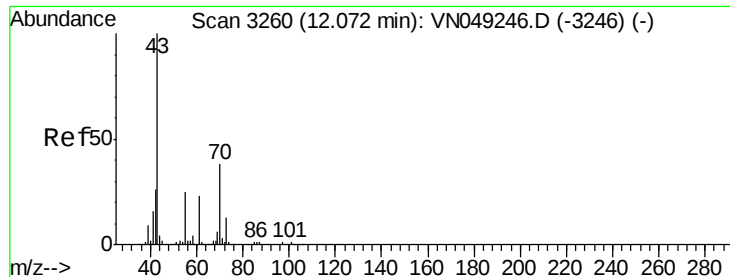
Tgt Ion	Ratio	Lower	Upper
88	100		
43	32.5	26.9	40.3
58	70.4	53.6	80.4



#46
Methyl methacrylate
Concen: 18.833 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN049766.D
Acq: 11 Jul 2018 19:29

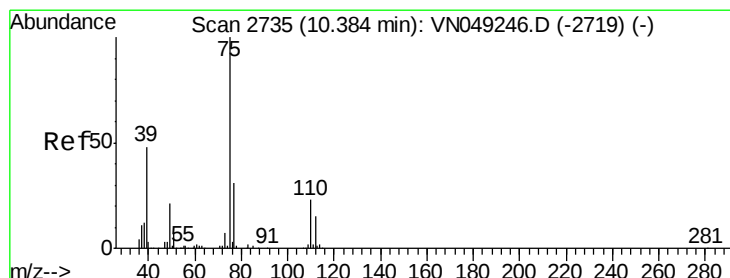
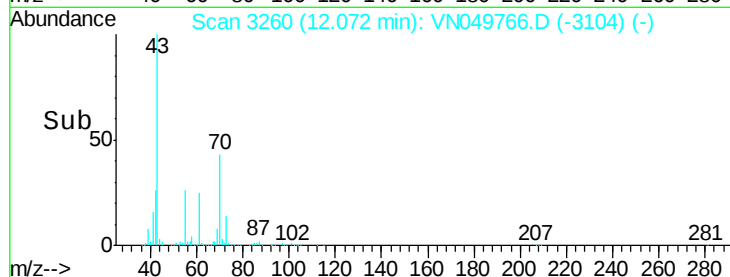
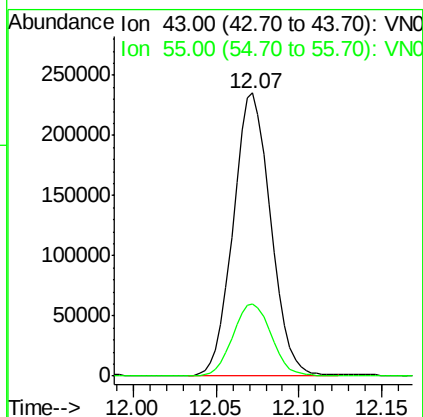
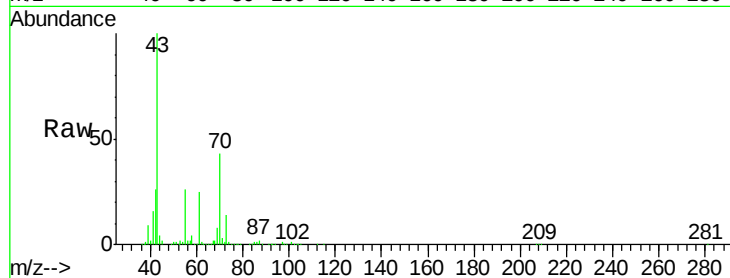
Tgt Ion	Ratio	Lower	Upper
41	100		
69	88.3	44.0	132.1
39	55.4	27.0	80.8





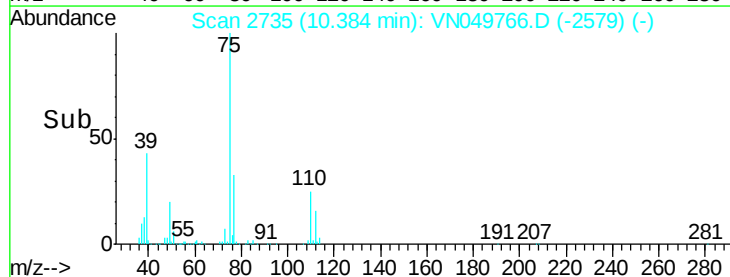
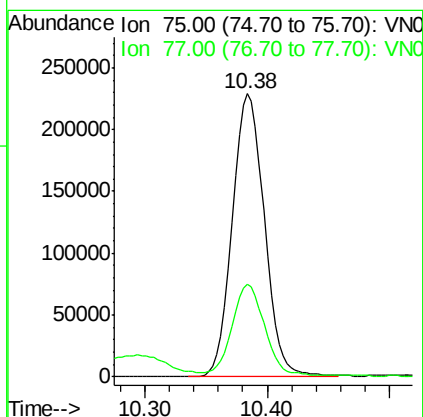
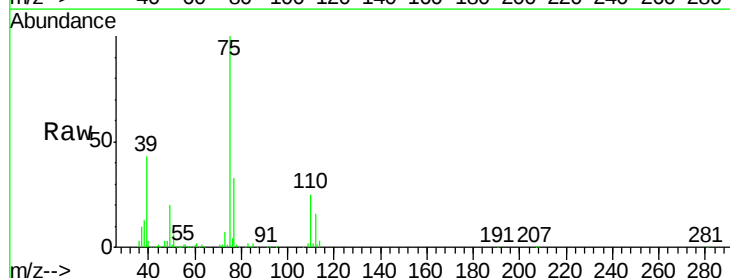
#47
n-amyl Acetate
Concen: 18.245 ug/l
RT: 12.07 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN049766.D
Acq: 11 Jul 2018 19:29

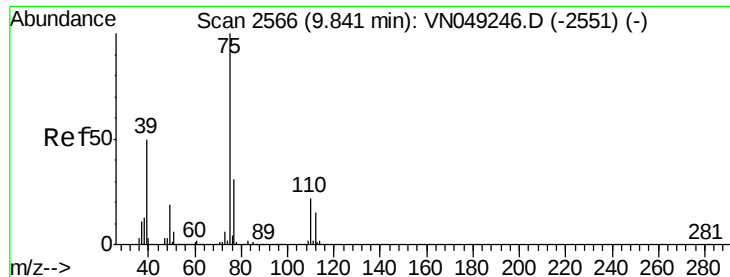
Tgt Ion: 43 Resp: 368516
Ion Ratio Lower Upper
43 100
55 26.4 21.0 31.4



#48
t-1,3-Dichloropropene
Concen: 18.950 ug/l
RT: 10.38 min Scan# 2735
Delta R.T. 0.00 min
Lab File: VN049766.D
Acq: 11 Jul 2018 19:29

Tgt Ion: 75 Resp: 419143
Ion Ratio Lower Upper
75 100
77 32.4 24.6 37.0

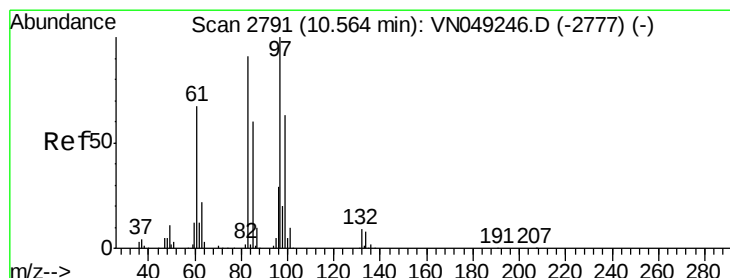
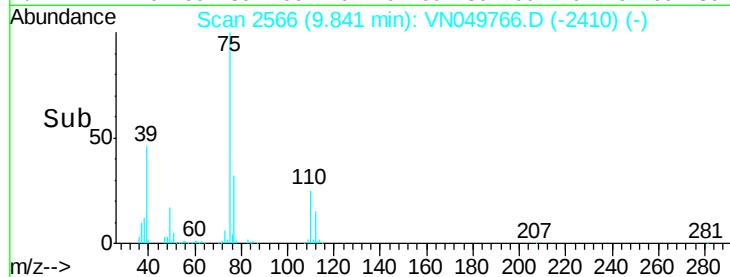
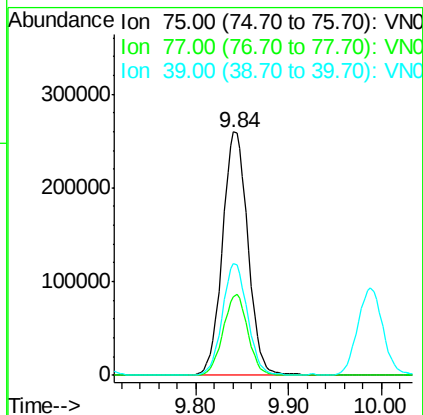
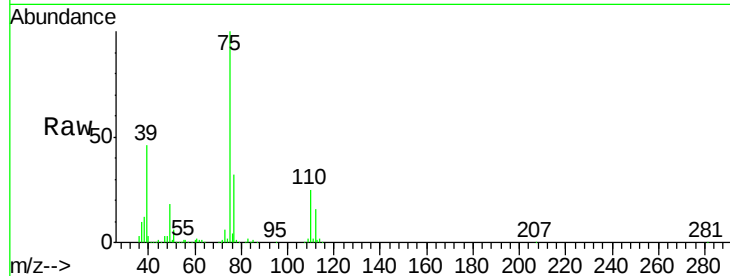




#49

cis-1,3-Dichloropropene
 Concen: 19.415 ug/l
 RT: 9.84 min Scan# 2566
 Delta R.T. 0.00 min
 Lab File: VN049766.D
 Acq: 11 Jul 2018 19:29

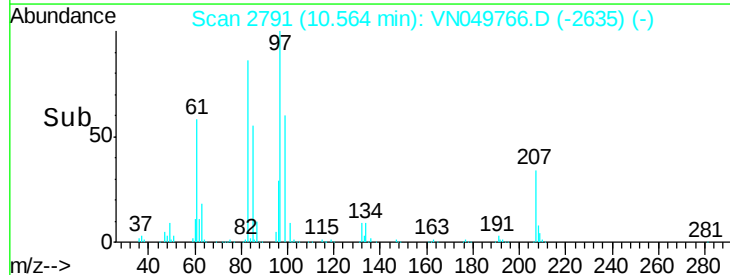
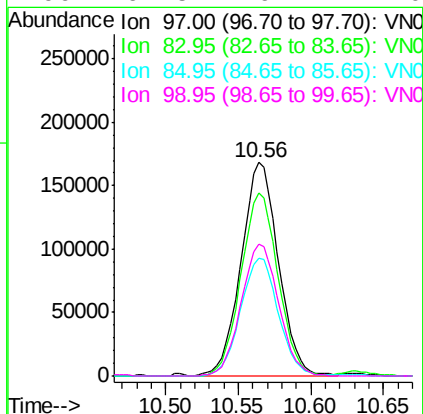
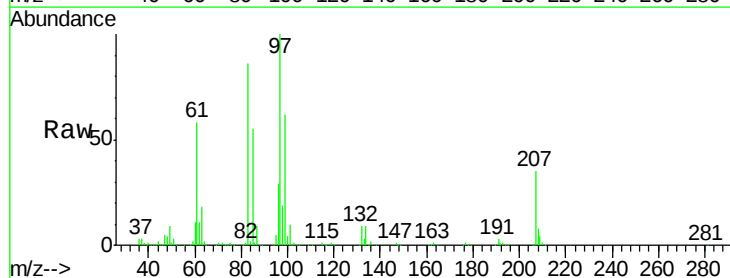
Tgt Ion:	75	Resp:	494368
Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.7	38.5
39	45.9	36.3	54.5

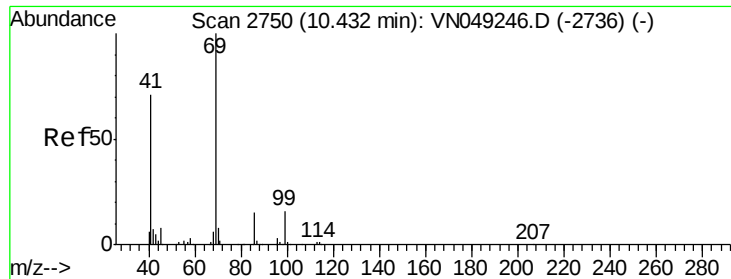


#50

1,1,2-Trichloroethane
 Concen: 20.329 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049766.D
 Acq: 11 Jul 2018 19:29

Tgt Ion:	97	Resp:	301752
Ion	Ratio	Lower	Upper
97	100		
83	85.8	68.1	102.1
85	55.4	45.4	68.2
99	61.5	49.4	74.0





#51

Ethyl methacrylate

Concen: 18.930 ug/l

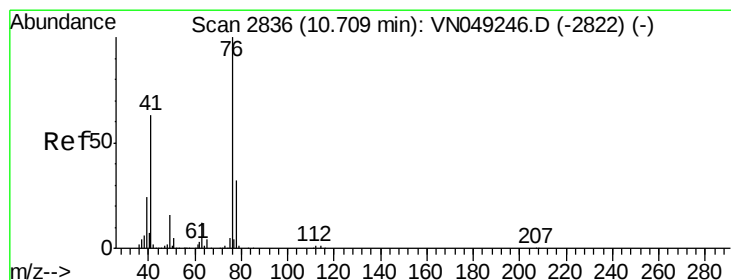
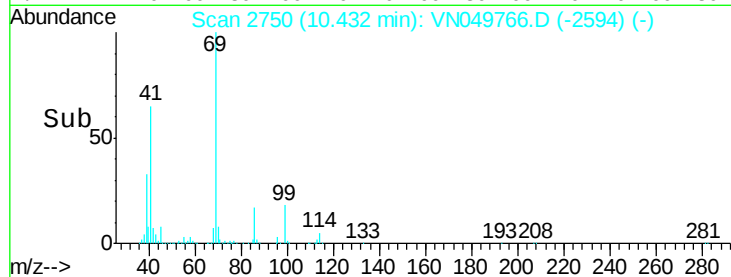
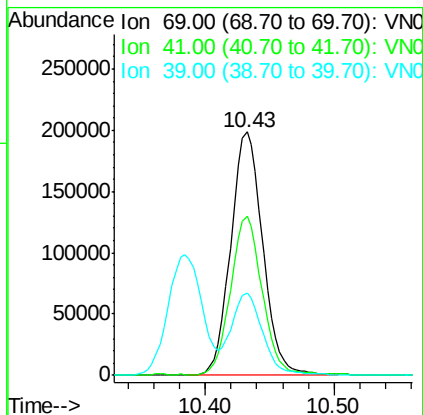
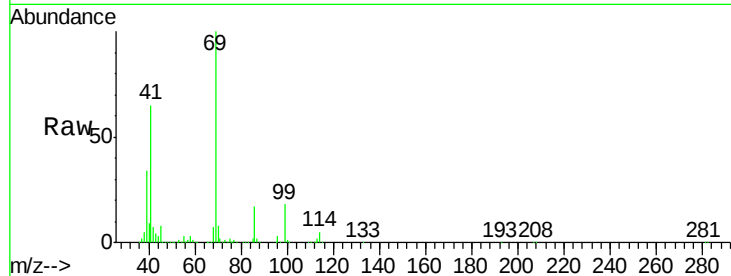
RT: 10.43 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VN049766.D

Acq: 11 Jul 2018 19:29

Tgt Ion:	69	Resp:	342765
Ion	Ratio	Lower	Upper
69	100		
41	64.9	31.9	95.9
39	33.5	16.7	50.1



#52

1,3-Dichloropropane

Concen: 20.065 ug/l

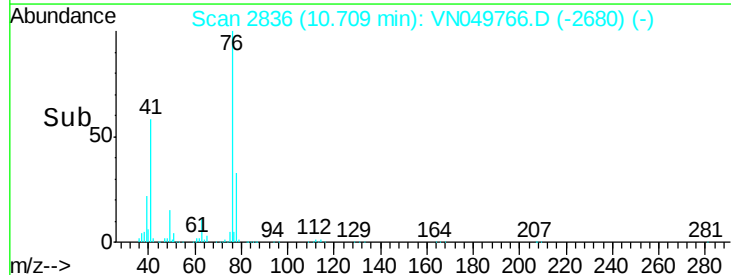
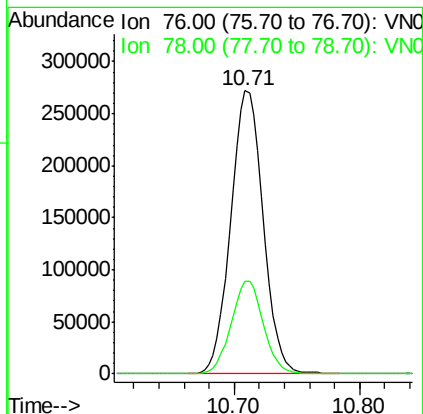
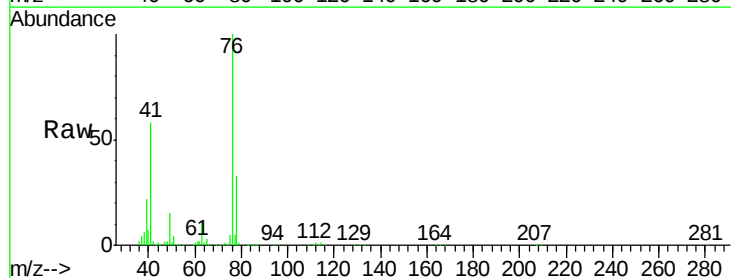
RT: 10.71 min Scan# 2836

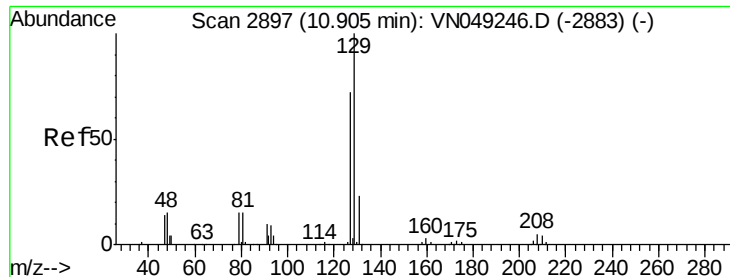
Delta R.T. 0.00 min

Lab File: VN049766.D

Acq: 11 Jul 2018 19:29

Tgt Ion:	76	Resp:	489085
Ion	Ratio	Lower	Upper
76	100		
78	32.7	0.0	65.6





#53

Dibromochloromethane

Concen: 19.502 ug/l

RT: 10.90 min Scan# 2897

Delta R.T. 0.00 min

Lab File: VN049766.D

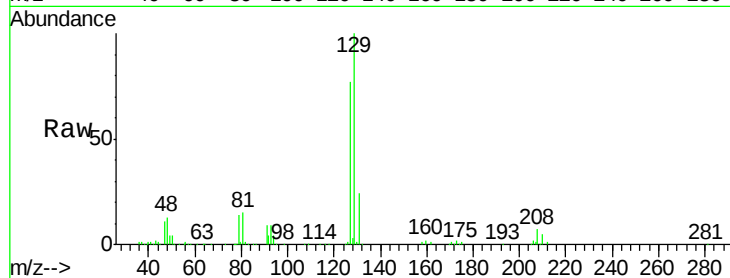
Acq: 11 Jul 2018 19:29

Tgt Ion:129 Resp: 327273

Ion Ratio Lower Upper

129 100

127 76.9 38.1 114.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

10.90

150000

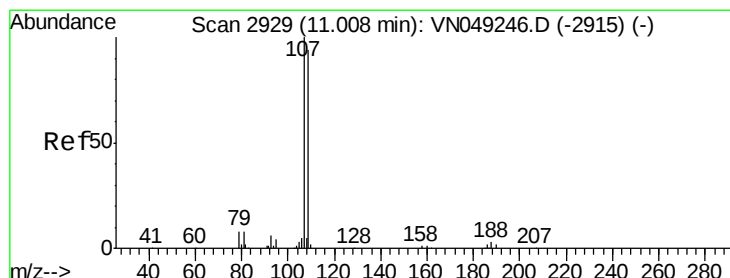
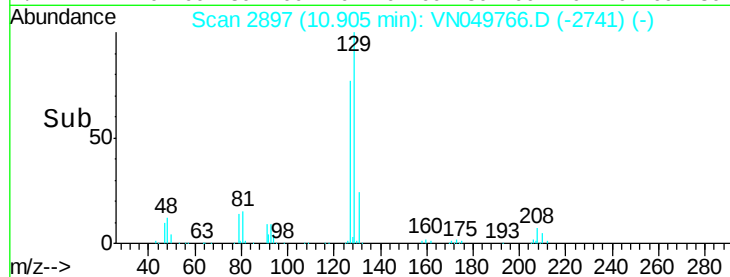
100000

50000

0

Time-->

10.85 10.90 10.95



#54

1,2-Dibromoethane

Concen: 19.914 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VN049766.D

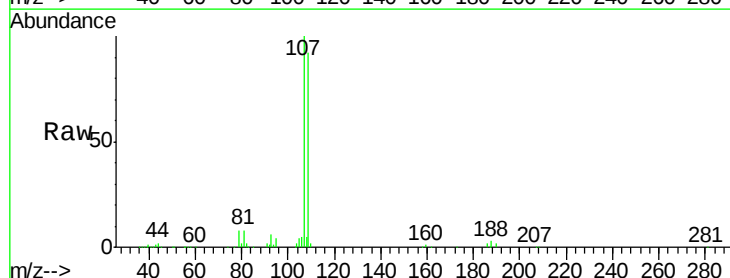
Acq: 11 Jul 2018 19:29

Tgt Ion:107 Resp: 287292

Ion Ratio Lower Upper

107 100

109 93.0 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

150000

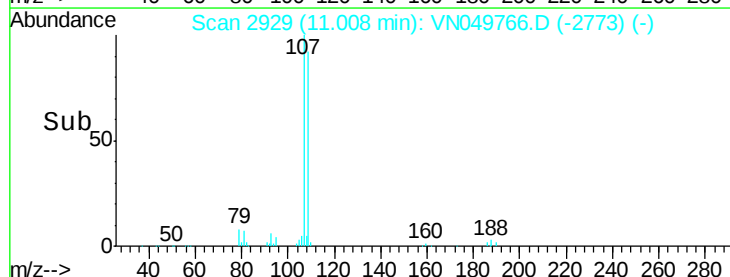
100000

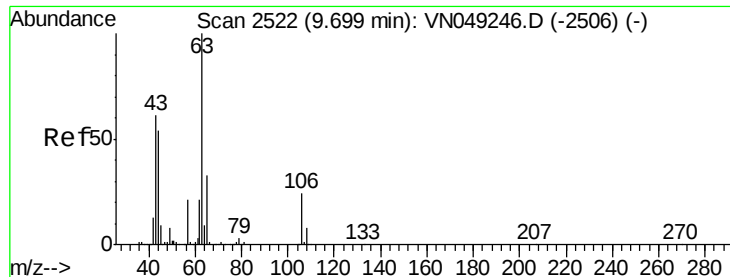
50000

0

Time-->

11.00 11.10





#55

2-Chloroethyl vinyl ether

Concen: 93.043 ug/l

RT: 9.70 min Scan# 2522

Delta R.T. 0.00 min

Lab File: VN049766.D

Acq: 11 Jul 2018 19:29

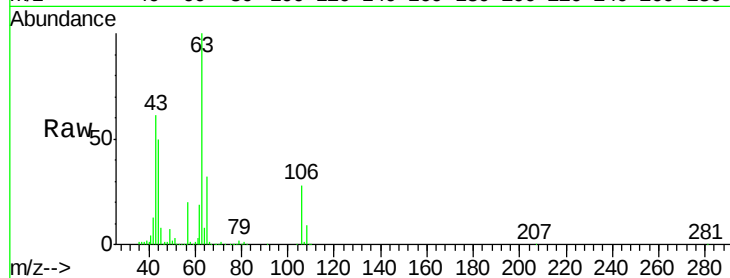
Tgt Ion: 63 Resp: 858103

Ion Ratio Lower Upper

63 100

65 31.9 25.5 38.3

106 26.9 21.8 32.6



Abundance Ion 63.00 (62.70 to 63.70): VN0

Ion 65.00 (64.70 to 65.70): VN0

Ion 106.00 (105.70 to 106.70): V

600000

500000

400000

300000

200000

100000

0

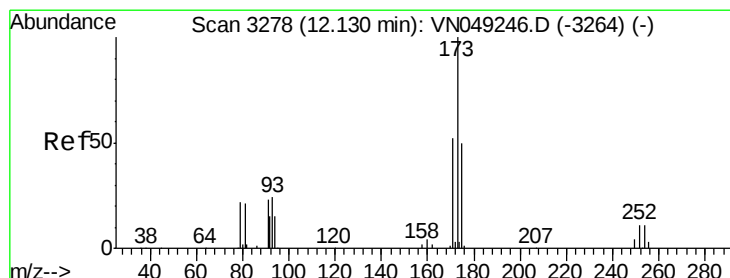
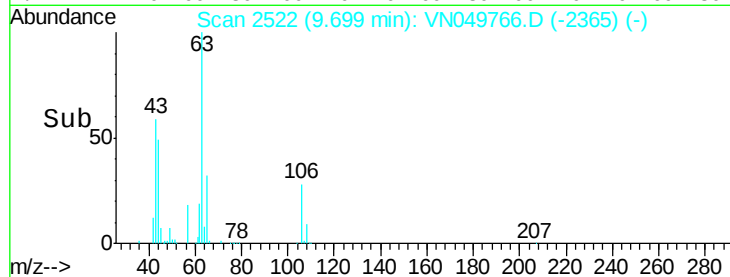
9.70

9.60

9.70

9.80

Time-->



#56

Bromoform

Concen: 19.154 ug/l

RT: 12.13 min Scan# 3278

Delta R.T. 0.00 min

Lab File: VN049766.D

Acq: 11 Jul 2018 19:29

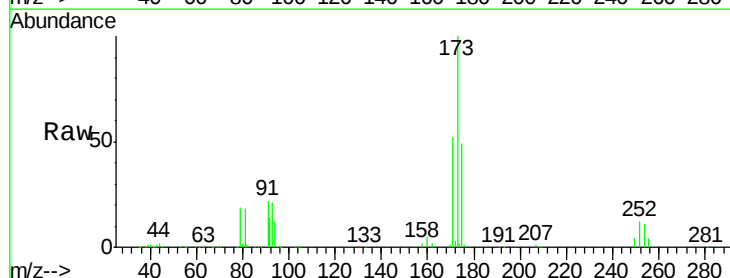
Tgt Ion: 173 Resp: 220178

Ion Ratio Lower Upper

173 100

175 49.2 38.6 57.8

254 10.1 8.8 13.2



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V

150000

100000

50000

0

12.13

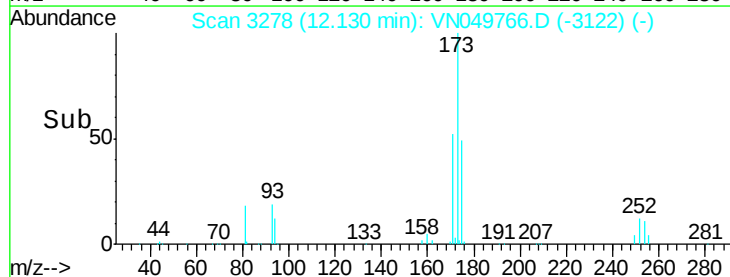
12.05

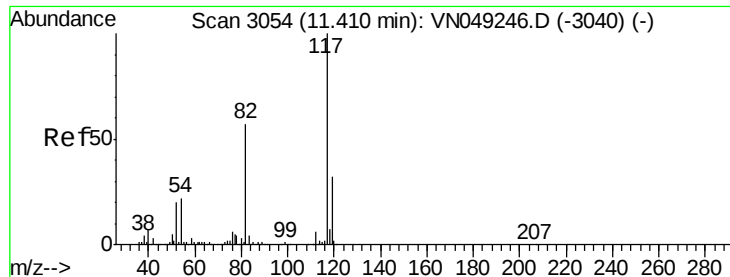
12.10

12.15

12.20

Time-->





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049766.D

Acq: 11 Jul 2018 19:29

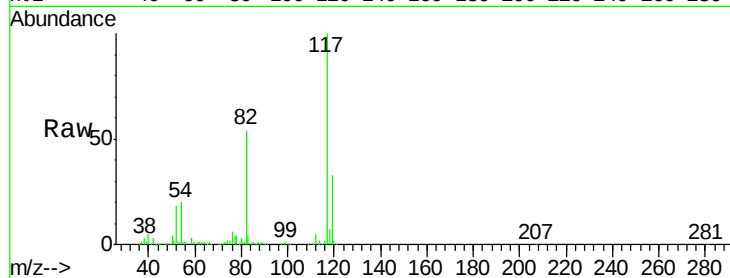
Tgt Ion: 117 Resp: 1195686

Ion Ratio Lower Upper

117 100

82 53.4 42.4 63.6

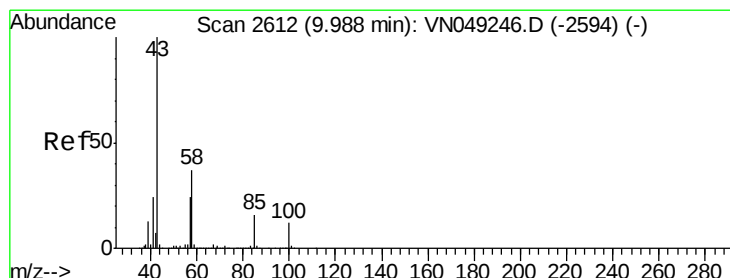
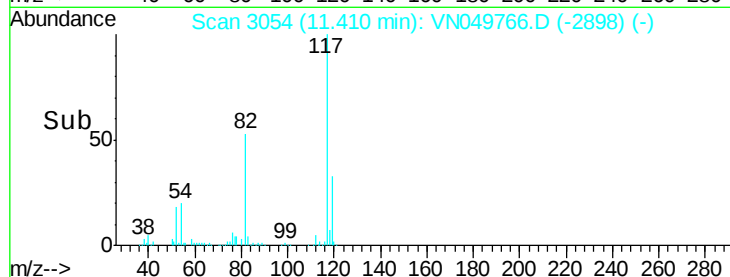
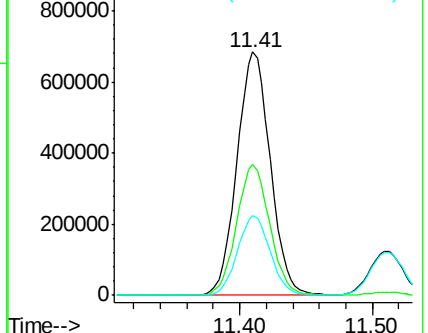
119 32.3 25.4 38.0



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 119.00 (118.70 to 119.70): V



#58

4-Methyl-2-Pentanone

Concen: 101.676 ug/l

RT: 9.99 min Scan# 2612

Delta R.T. 0.00 min

Lab File: VN049766.D

Acq: 11 Jul 2018 19:29

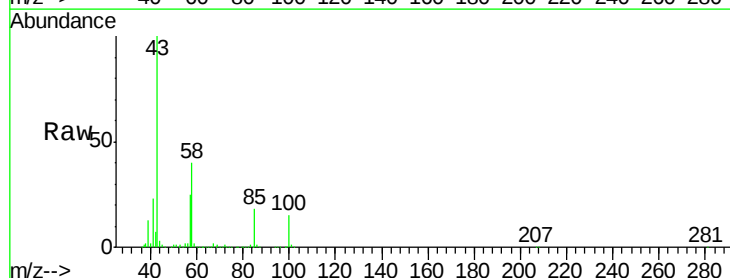
Tgt Ion: 43 Resp: 1321672

Ion Ratio Lower Upper

43 100

58 39.7 31.2 46.8

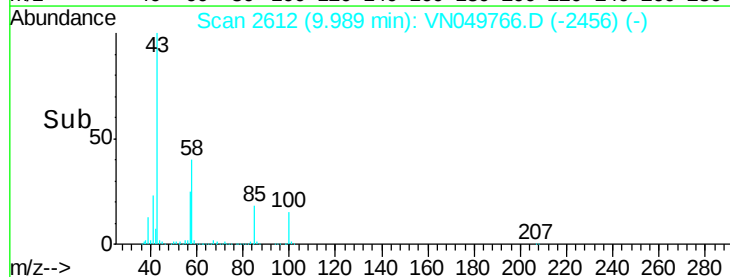
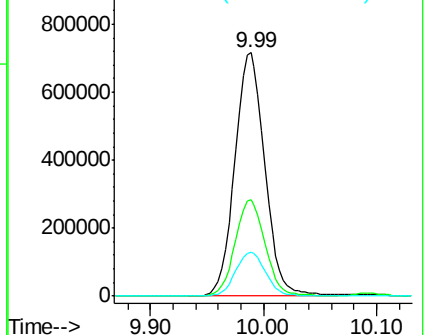
85 18.1 14.4 21.6

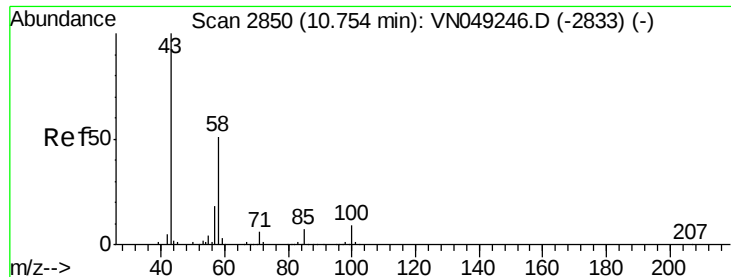


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

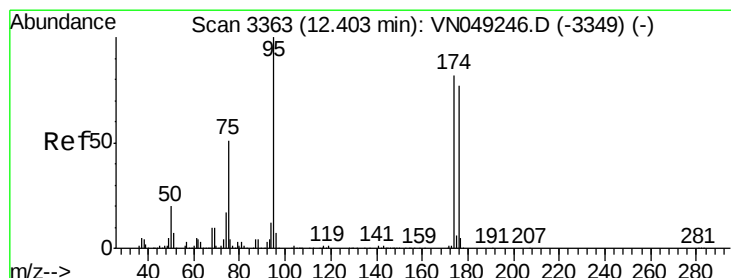
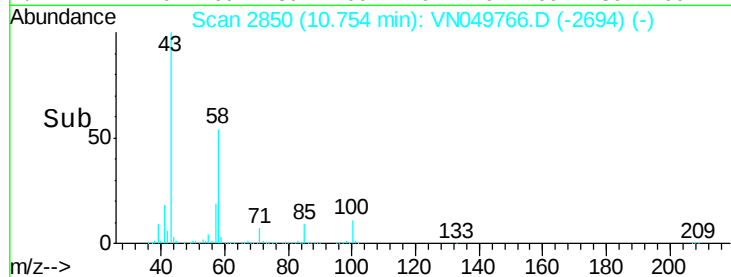
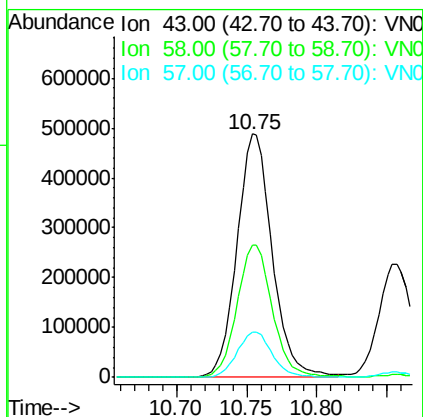
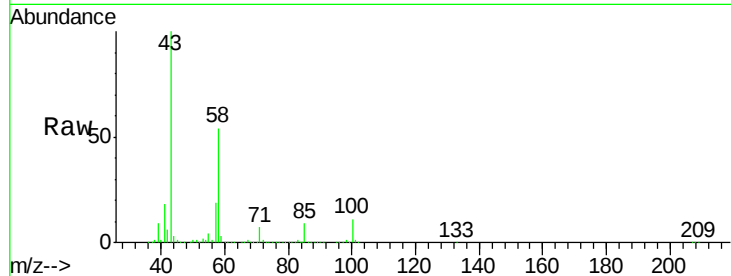
Ion 85.00 (84.70 to 85.70): VN0





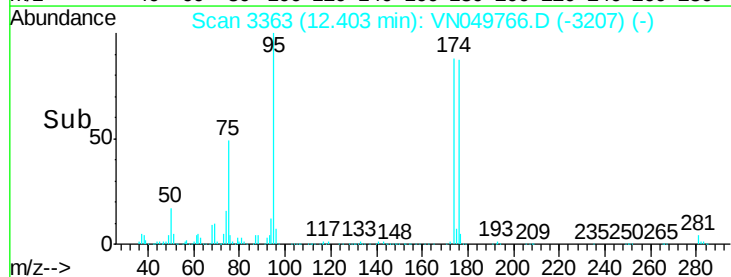
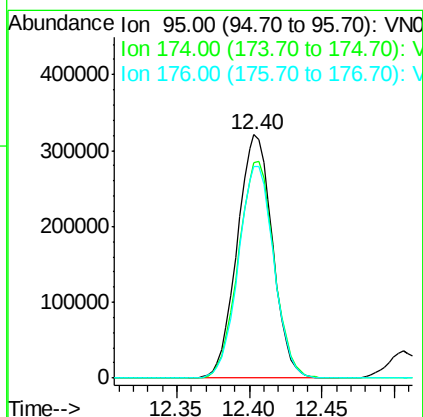
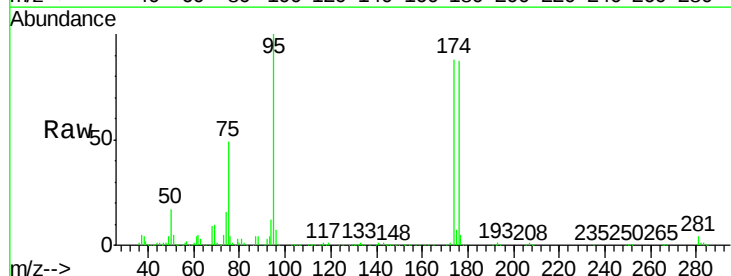
#59
2-Hexanone
Concen: 97.390 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049766.D
Acq: 11 Jul 2018 19:29

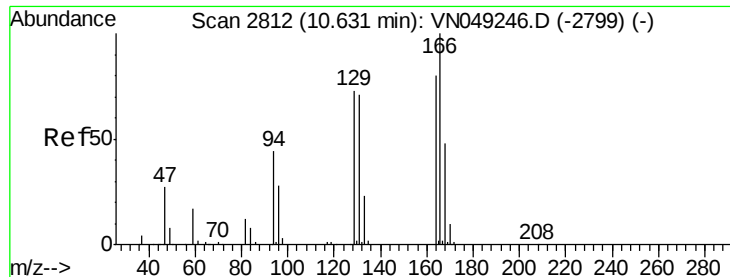
Tgt Ion:	43	Resp:	852163
Ion	Ratio	Lower	Upper
43	100		
58	54.8	43.8	65.8
57	18.8	15.1	22.7



#60
4-Bromofluorobenzene
Concen: 29.422 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049766.D
Acq: 11 Jul 2018 19:29

Tgt Ion:	95	Resp:	543077
Ion	Ratio	Lower	Upper
95	100		
174	89.7	72.3	108.5
176	87.2	70.0	105.0





#61

Tetrachloroethene

Concen: 20.778 ug/l

RT: 10.63 min Scan# 2813

Delta R.T. 0.00 min

Lab File: VN049766.D

Acq: 11 Jul 2018 19:29

Tgt Ion: 164 Resp: 311726

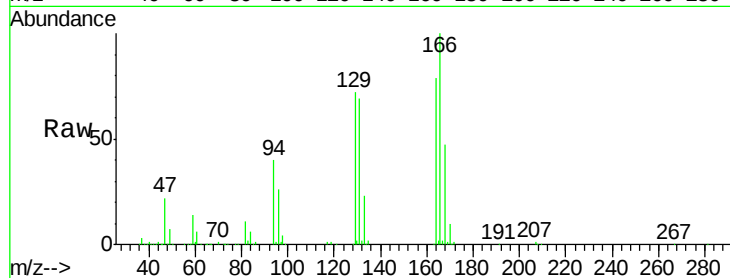
Ion Ratio Lower Upper

164 100

166 126.8 100.0 150.0

129 91.6 69.3 103.9

131 87.4 68.8 103.2

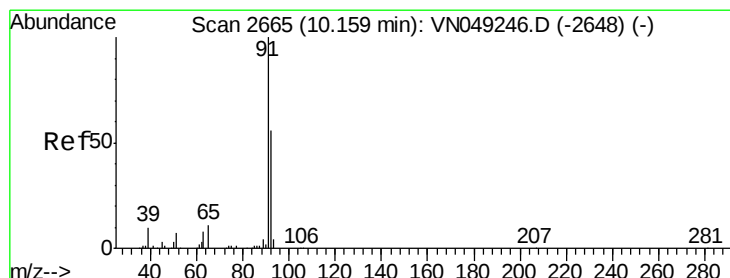
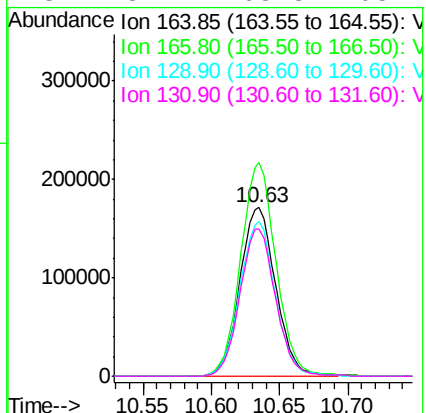
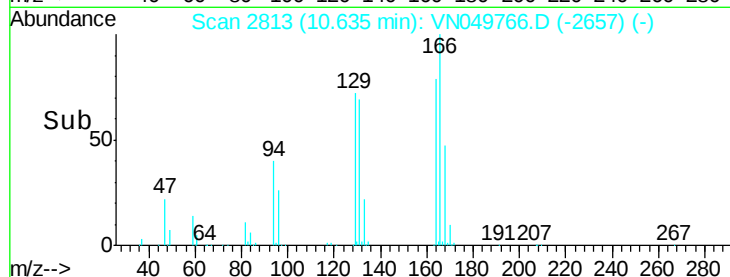


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 20.458 ug/l

RT: 10.16 min Scan# 2665

Delta R.T. 0.00 min

Lab File: VN049766.D

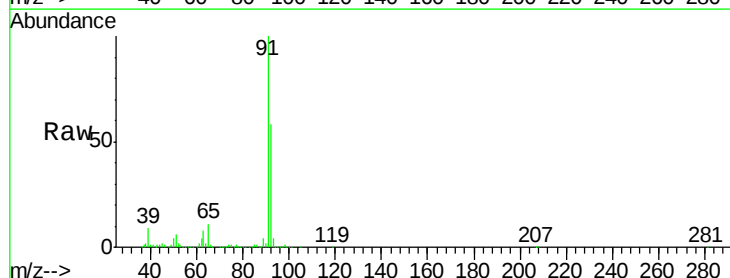
Acq: 11 Jul 2018 19:29

Tgt Ion: 91 Resp: 1401939

Ion Ratio Lower Upper

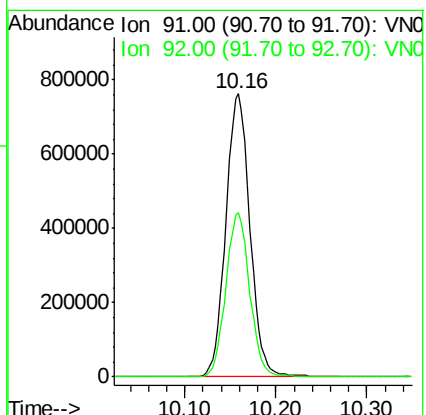
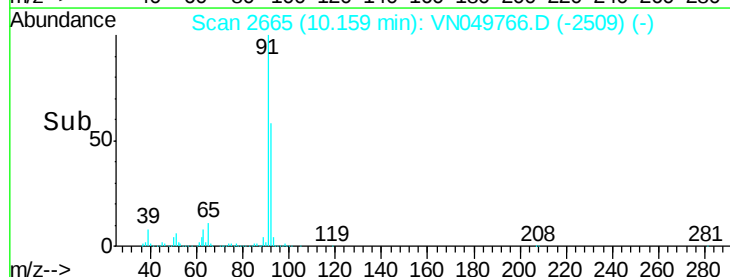
91 100

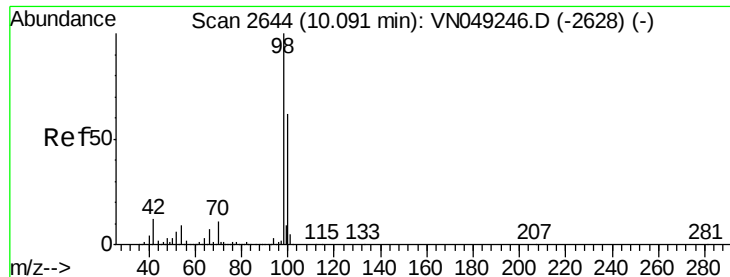
92 57.6 45.7 68.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 30.261 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049766.D

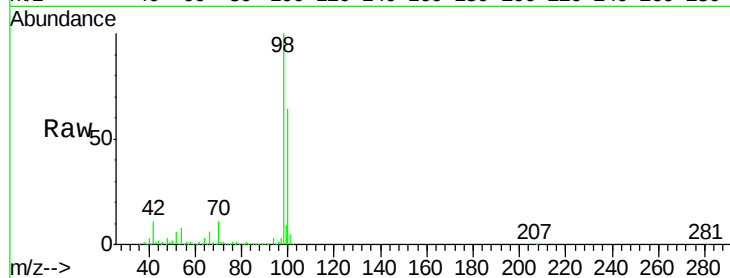
Acq: 11 Jul 2018 19:29

Tgt Ion: 98 Resp: 1690750

Ion Ratio Lower Upper

98 100

100 63.5 51.2 76.8



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

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

10.09

800000

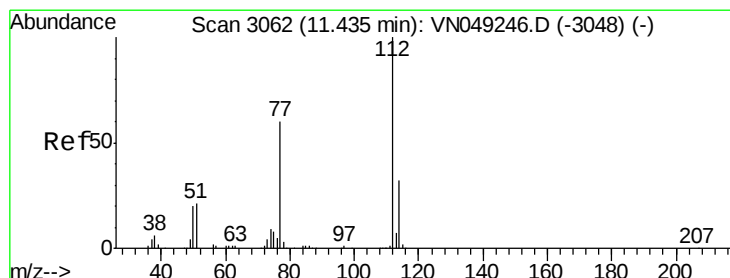
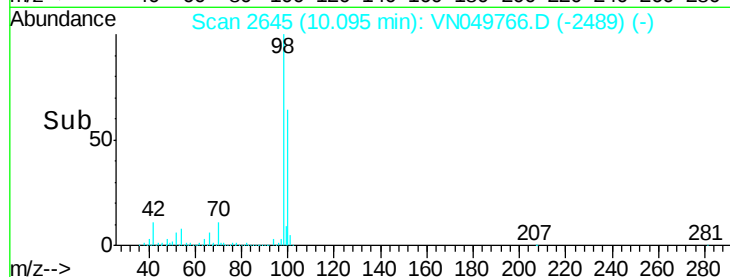
600000

400000

200000

0

Time-->



#64

Chlorobenzene

Concen: 20.071 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049766.D

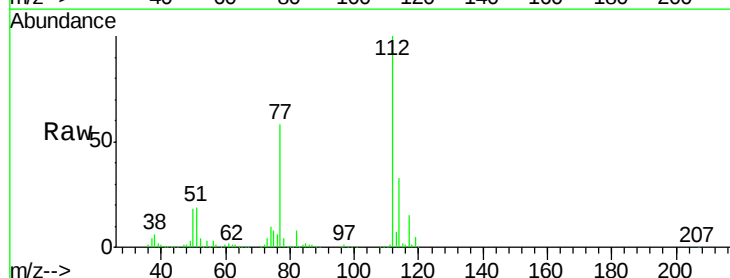
Acq: 11 Jul 2018 19:29

Tgt Ion: 112 Resp: 843890

Ion Ratio Lower Upper

112 100

114 32.6 26.2 39.2



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

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

11.44

500000

400000

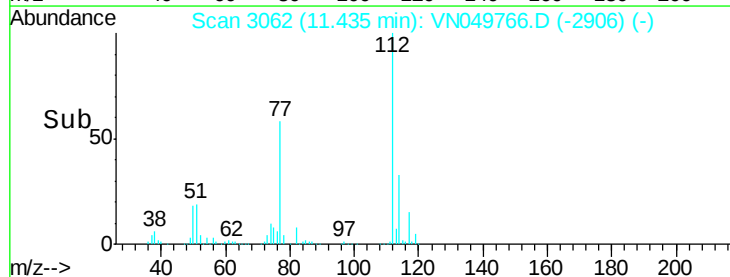
300000

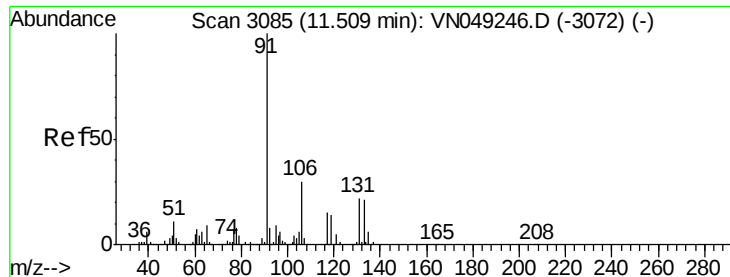
200000

100000

0

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 20.172 ug/l

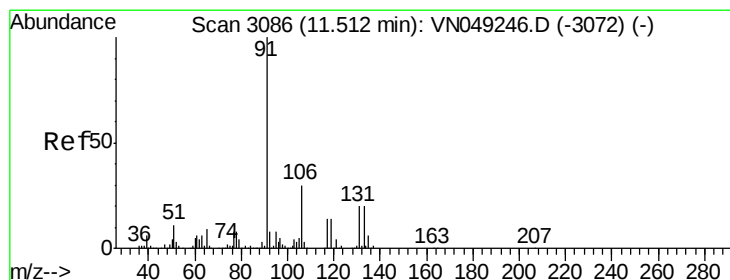
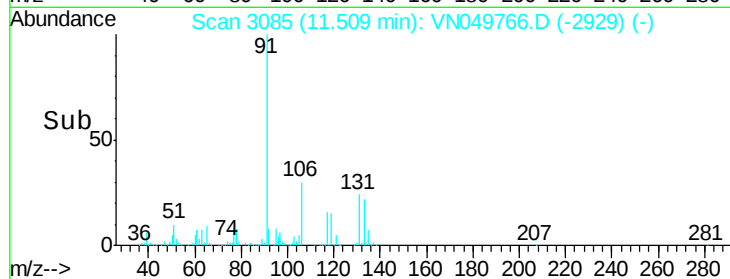
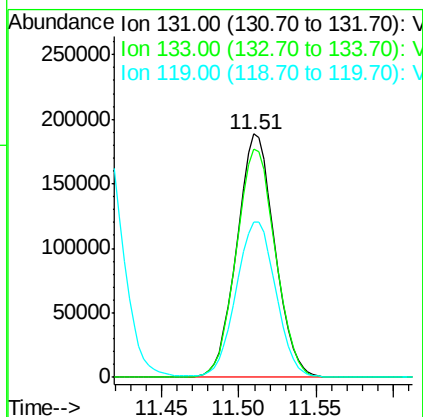
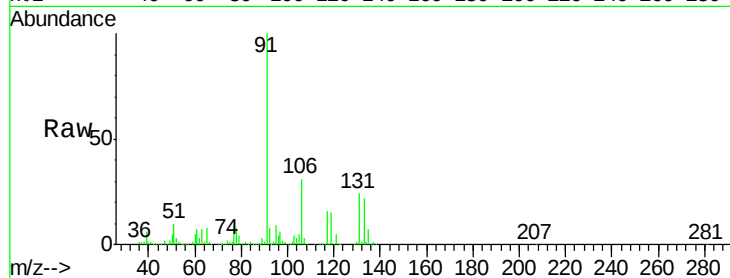
RT: 11.51 min Scan# 3085

Delta R.T. 0.00 min

Lab File: VN049766.D

Acq: 11 Jul 2018 19:29

Tgt Ion:	131	Resp:	321891
Ion	Ratio	Lower	Upper
131	100		
133	96.6	0.0	190.0
119	66.7	0.0	131.6



#66

Ethyl Benzene

Concen: 19.800 ug/l

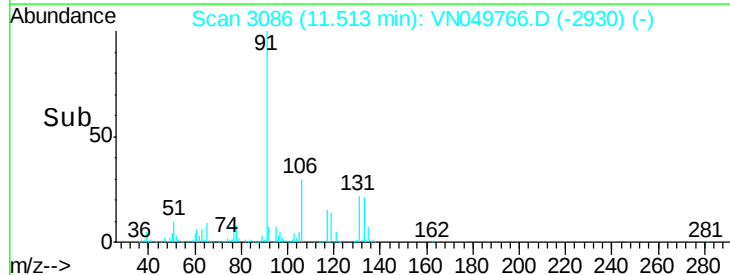
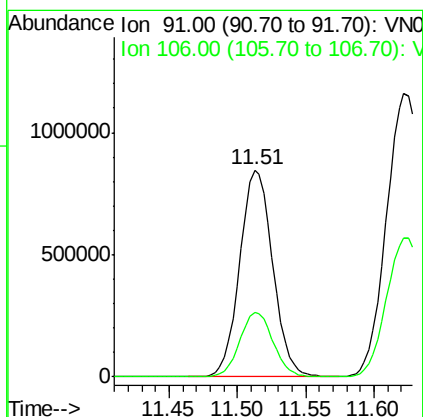
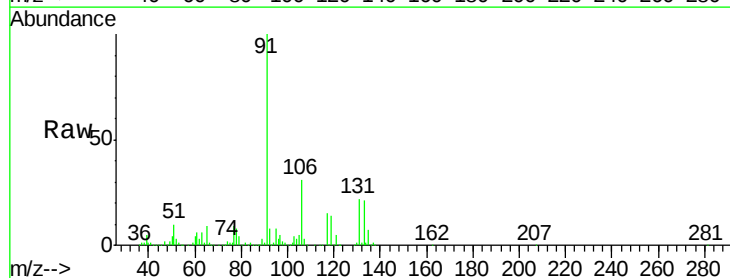
RT: 11.51 min Scan# 3086

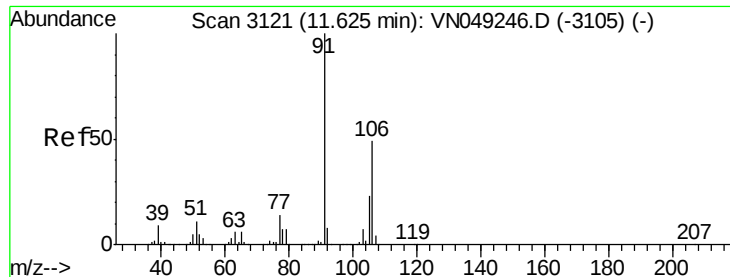
Delta R.T. 0.00 min

Lab File: VN049766.D

Acq: 11 Jul 2018 19:29

Tgt Ion:	91	Resp:	1423418
Ion	Ratio	Lower	Upper
91	100		
106	31.1	25.1	37.7





#67

m/p-Xylenes

Concen: 40.227 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.00 min

Lab File: VN049766.D

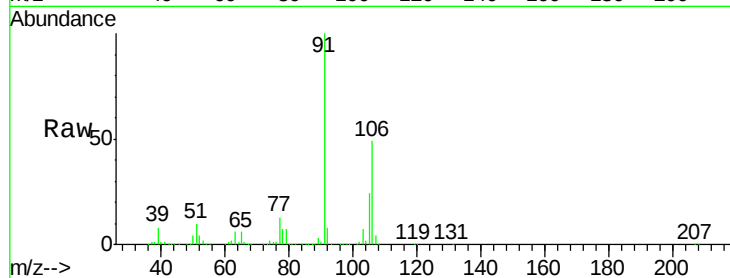
Acq: 11 Jul 2018 19:29

Tgt Ion:106 Resp: 1112416

Ion Ratio Lower Upper

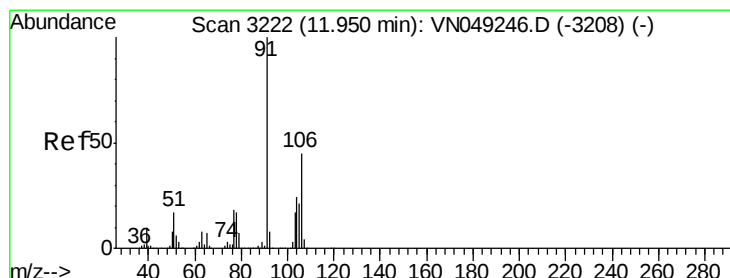
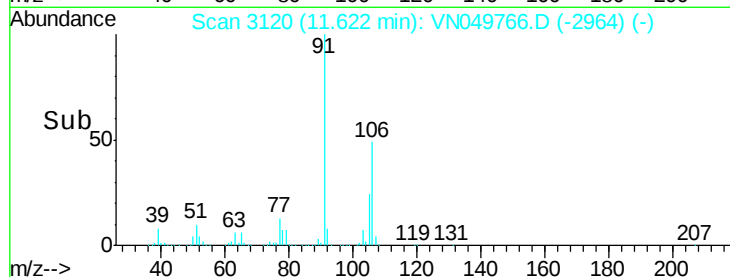
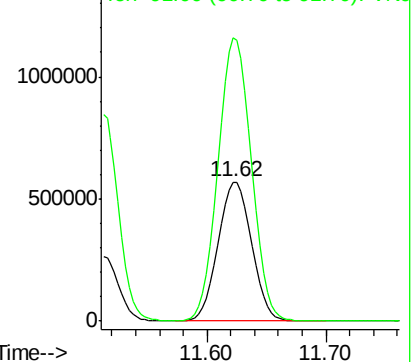
106 100

91 202.4 162.5 243.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#68

o-Xylene

Concen: 20.136 ug/l

RT: 11.95 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN049766.D

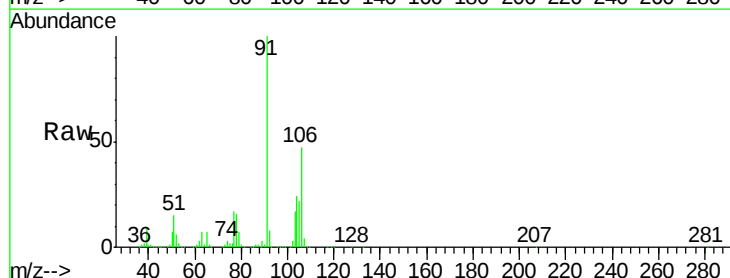
Acq: 11 Jul 2018 19:29

Tgt Ion:106 Resp: 532034

Ion Ratio Lower Upper

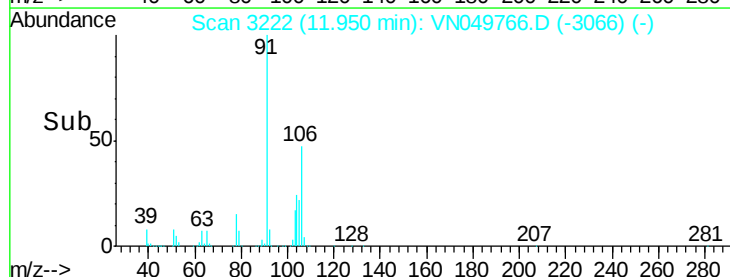
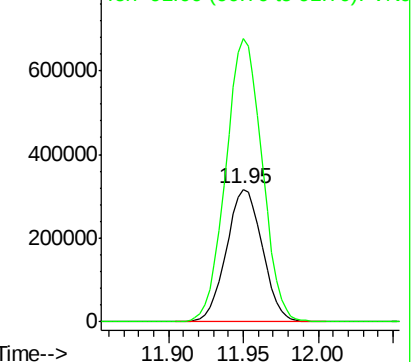
106 100

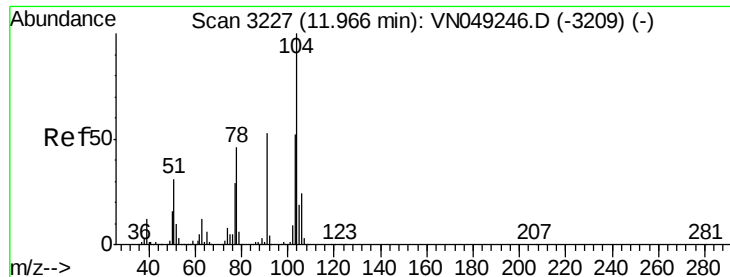
91 215.1 106.8 320.4



Abundance Ion 106.00 (105.70 to 106.70): V

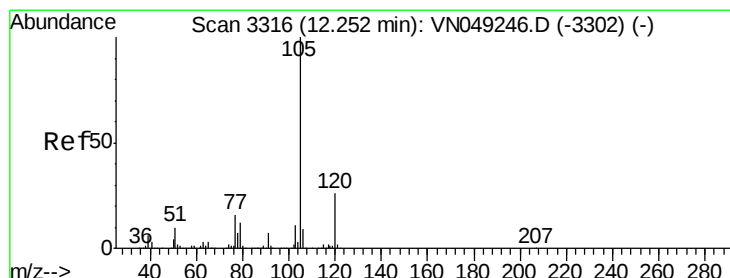
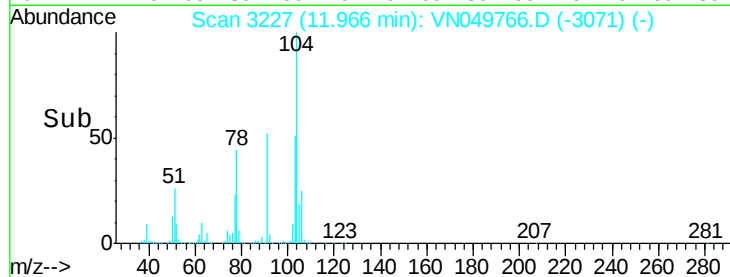
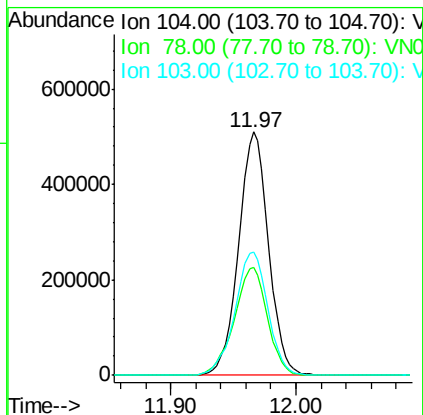
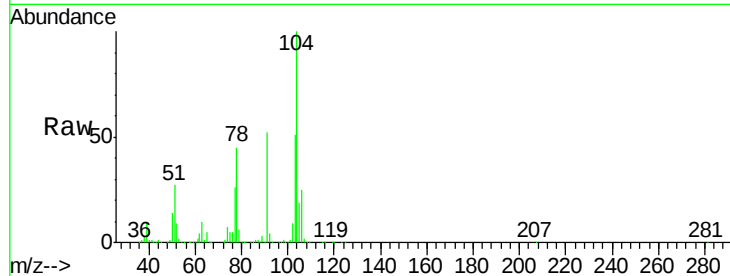
Ion 91.00 (90.70 to 91.70): VN0





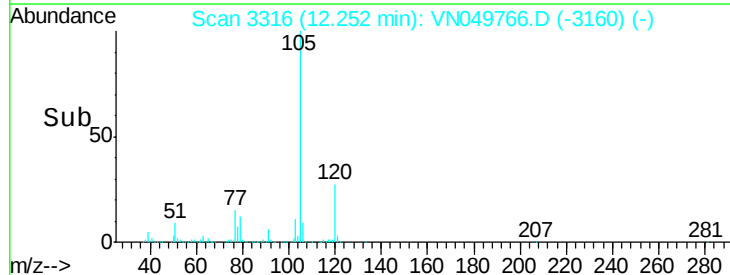
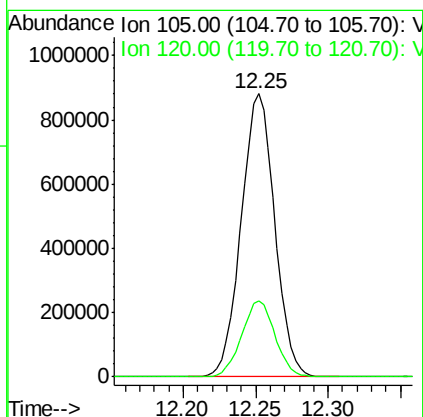
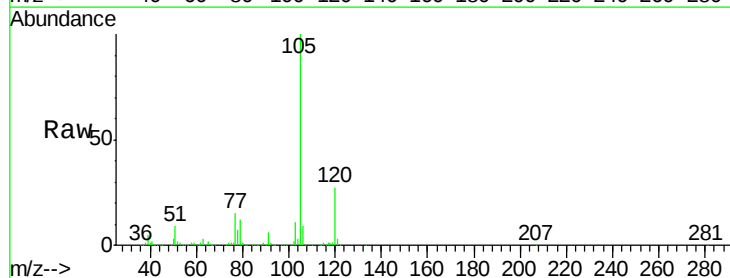
#69
Styrene
Concen: 20.001 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049766.D
Acq: 11 Jul 2018 19:29

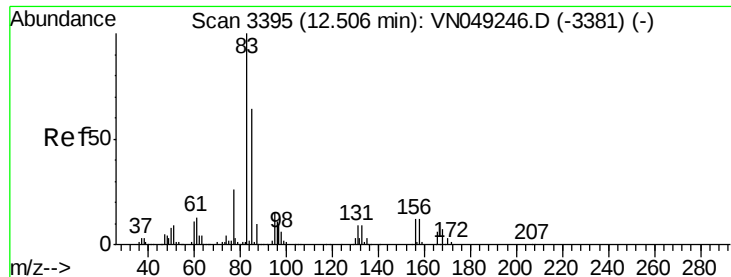
Tgt Ion:104 Resp: 843565
Ion Ratio Lower Upper
104 100
78 49.2 39.3 58.9
103 55.8 44.5 66.7



#70
Isopropylbenzene
Concen: 20.214 ug/l
RT: 12.25 min Scan# 3316
Delta R.T. 0.00 min
Lab File: VN049766.D
Acq: 11 Jul 2018 19:29

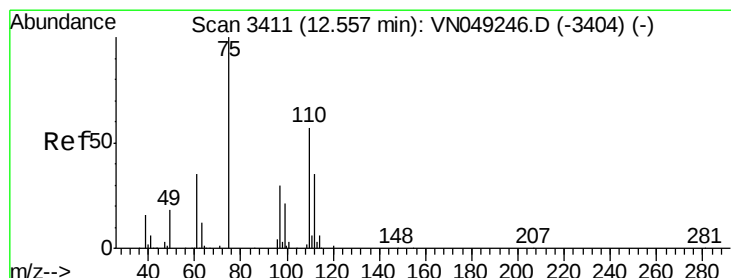
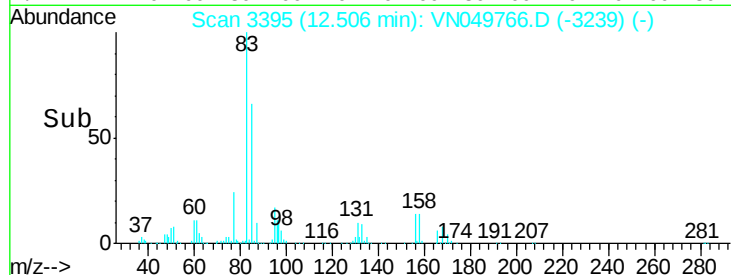
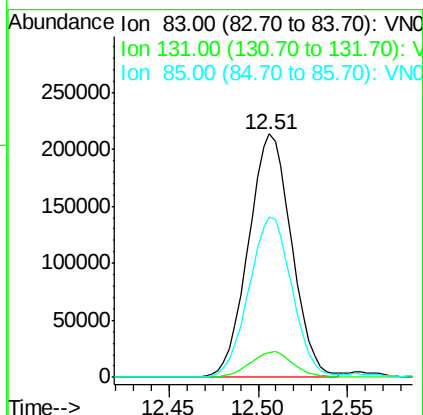
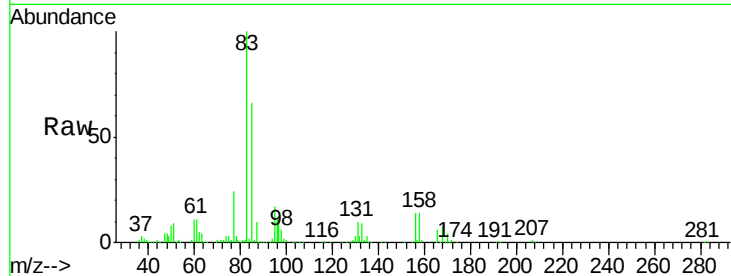
Tgt Ion:105 Resp: 1416542
Ion Ratio Lower Upper
105 100
120 26.7 18.9 35.1





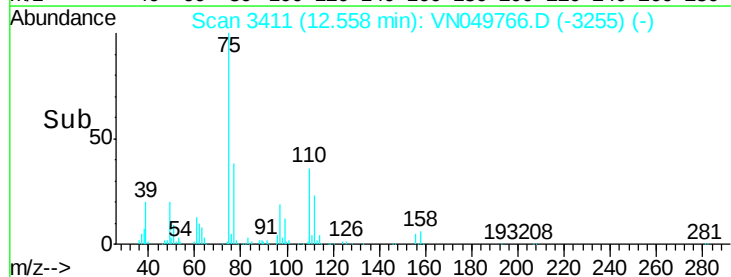
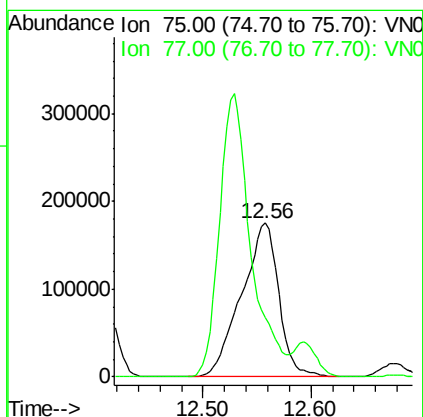
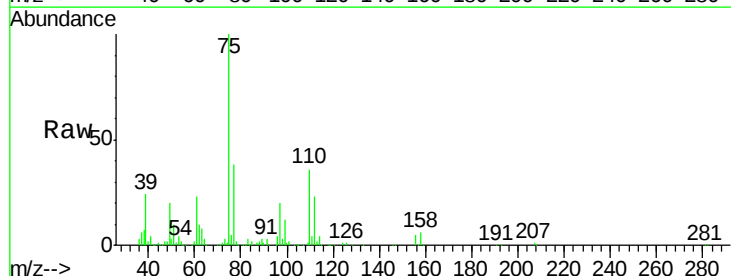
#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.068 ug/l
 RT: 12.51 min Scan# 3395
 Delta R.T. 0.00 min
 Lab File: VN049766.D
 Acq: 11 Jul 2018 19:29

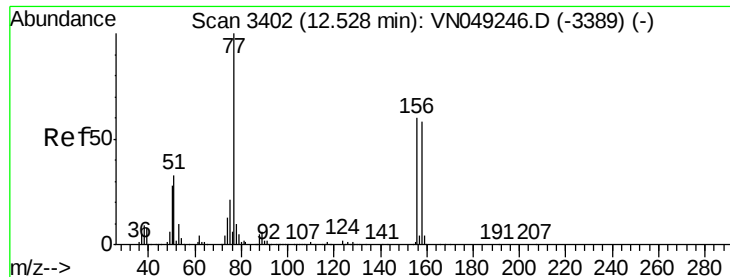
Tgt Ion: 83 Resp: 360920
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.2 15.6
 85 65.8 31.7 95.1



#72
 1,2,3-Trichloropropane
 Concen: 29.138 ug/l
 RT: 12.56 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN049766.D
 Acq: 11 Jul 2018 19:29

Tgt Ion: 75 Resp: 419601
 Ion Ratio Lower Upper
 75 100
 77 154.9 0.0 454.4





#73

Bromobenzene

Concen: 19.759 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049766.D

Acq: 11 Jul 2018 19:29

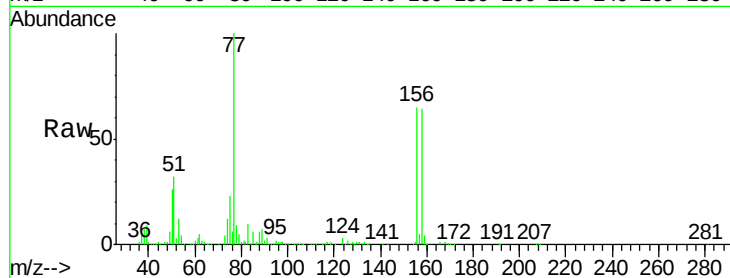
Tgt Ion: 156 Resp: 363010

Ion Ratio Lower Upper

156 100

77 179.0 0.0 359.8

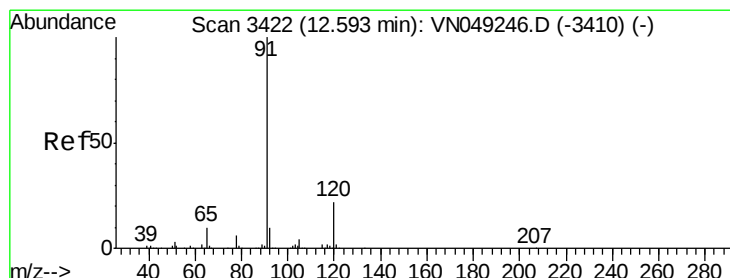
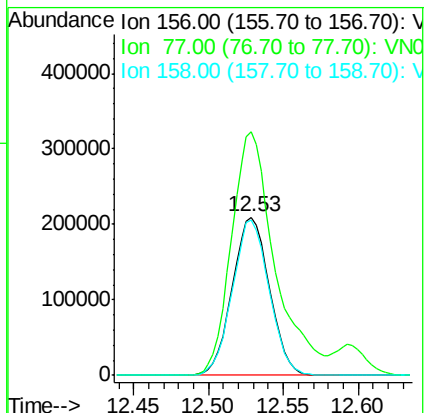
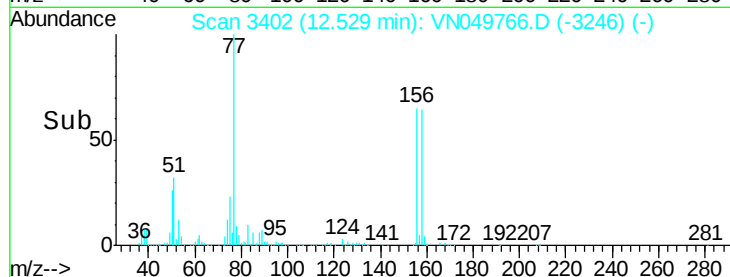
158 97.2 0.0 192.8



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.847 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049766.D

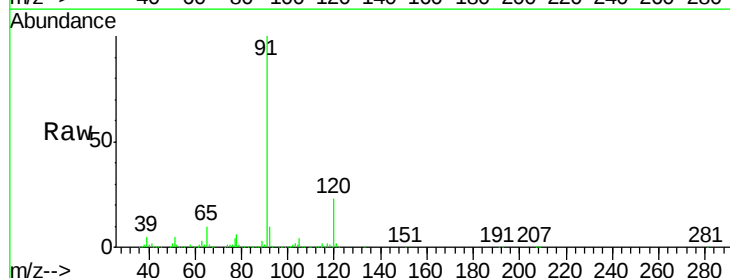
Acq: 11 Jul 2018 19:29

Tgt Ion: 91 Resp: 1609969

Ion Ratio Lower Upper

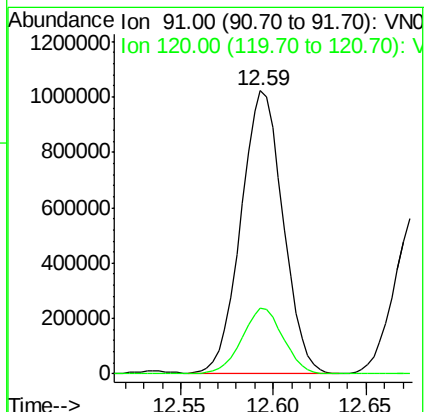
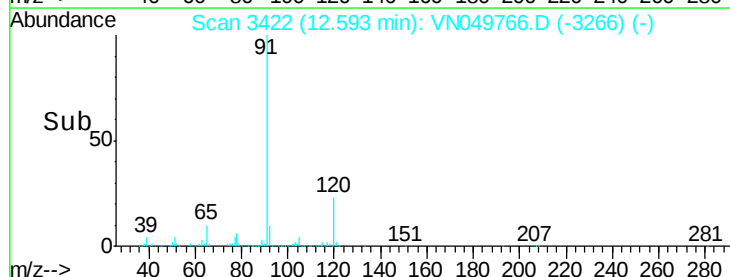
91 100

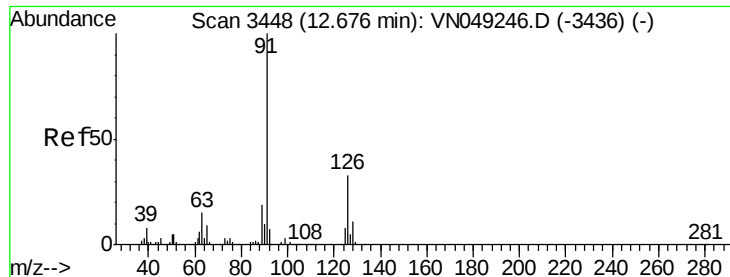
120 22.9 0.0 46.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

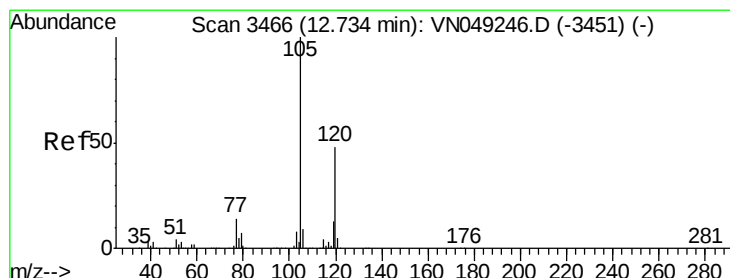
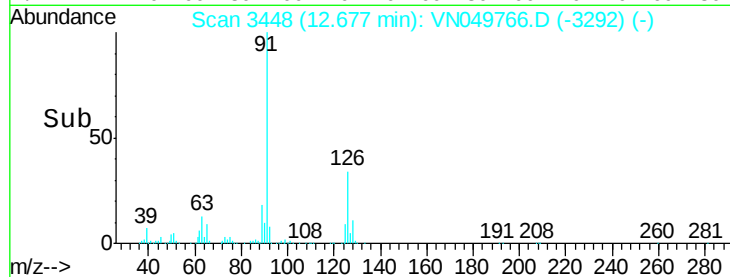
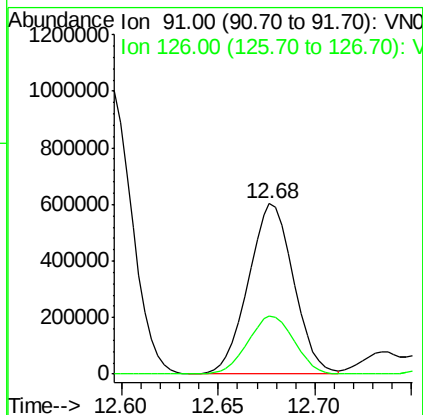
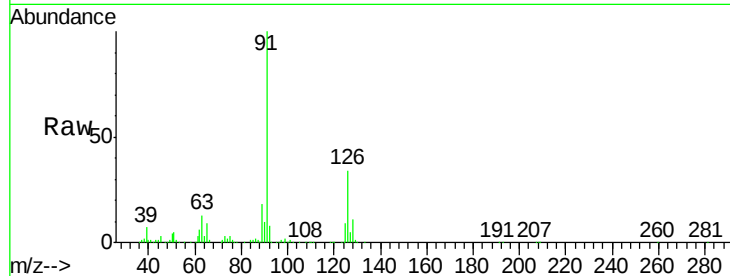
Ion 120.00 (119.70 to 120.70): V





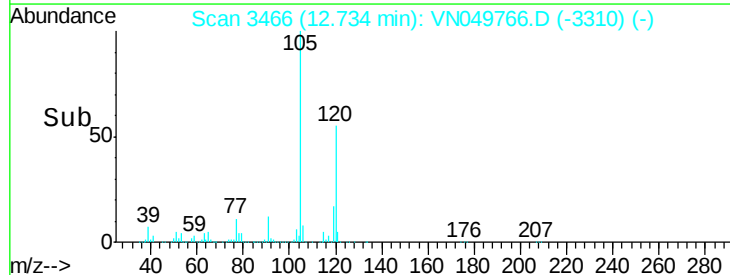
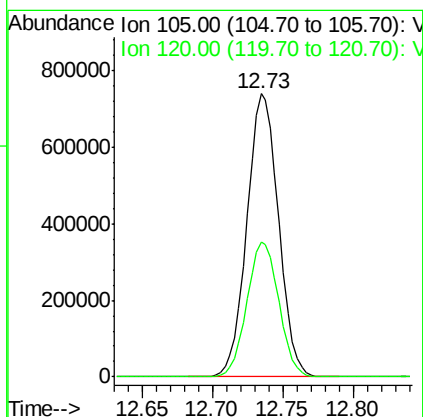
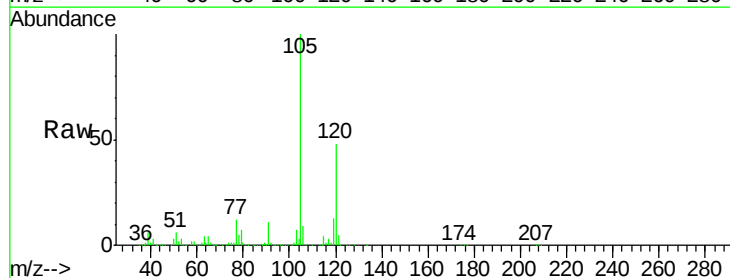
#75
 2-Chlorotoluene
 Concen: 20.175 ug/l
 RT: 12.68 min Scan# 3448
 Delta R.T. 0.00 min
 Lab File: VN049766.D
 Acq: 11 Jul 2018 19:29

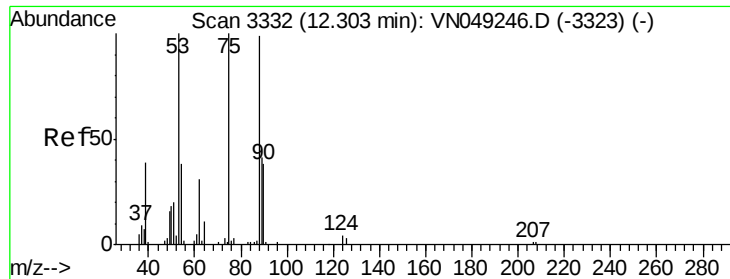
Tgt Ion: 91 Resp: 981626
 Ion Ratio Lower Upper
 91 100
 126 35.1 0.0 68.6



#76
 1,3,5-Trimethylbenzene
 Concen: 20.354 ug/l
 RT: 12.73 min Scan# 3466
 Delta R.T. 0.00 min
 Lab File: VN049766.D
 Acq: 11 Jul 2018 19:29

Tgt Ion: 105 Resp: 1159161
 Ion Ratio Lower Upper
 105 100
 120 48.3 0.0 98.0





#77

t-1,4-Dichloro-2-butene

Concen: 17.380 ug/l

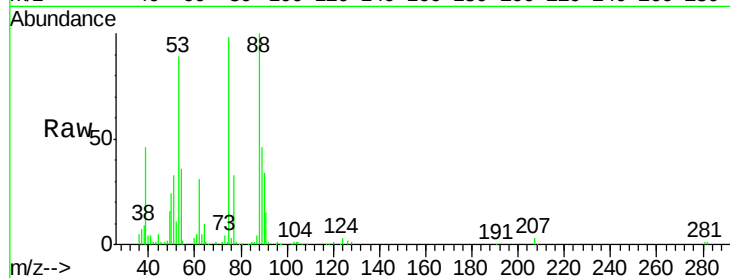
RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN049766.D

Acq: 11 Jul 2018 19:29

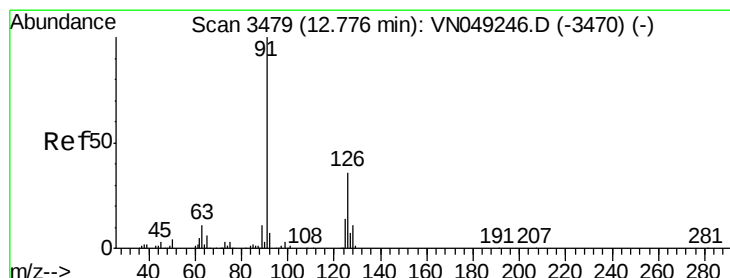
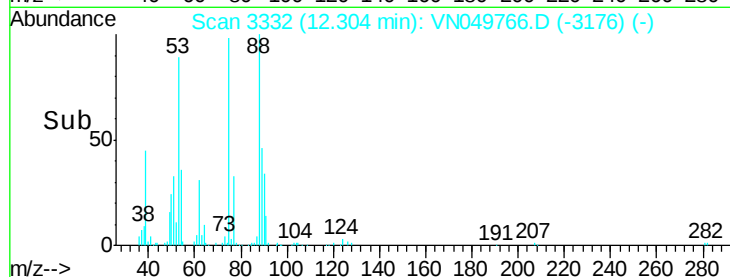
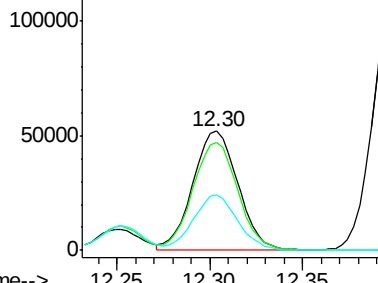
Tgt Ion:	75	Resp:	87724
Ion	Ratio	Lower	Upper
75	100		
53	90.7	44.6	134.0
89	46.2	20.7	62.1



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 89.00 (88.70 to 89.70): VN0



#78

4-Chlorotoluene

Concen: 19.948 ug/l

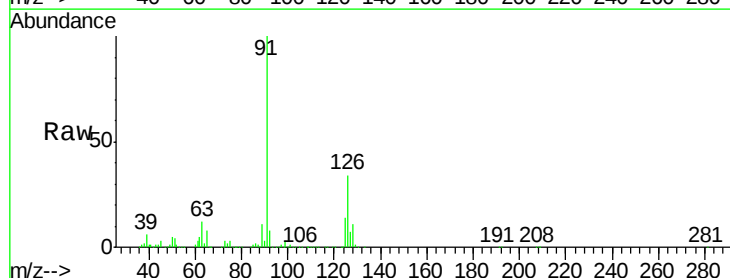
RT: 12.78 min Scan# 3479

Delta R.T. 0.00 min

Lab File: VN049766.D

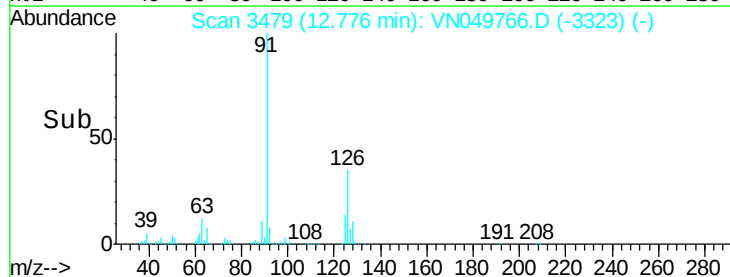
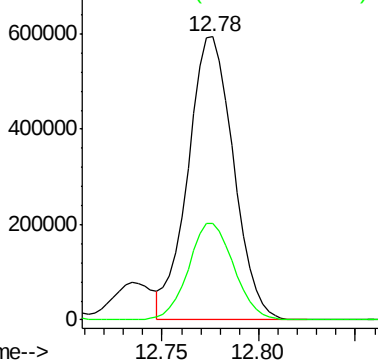
Acq: 11 Jul 2018 19:29

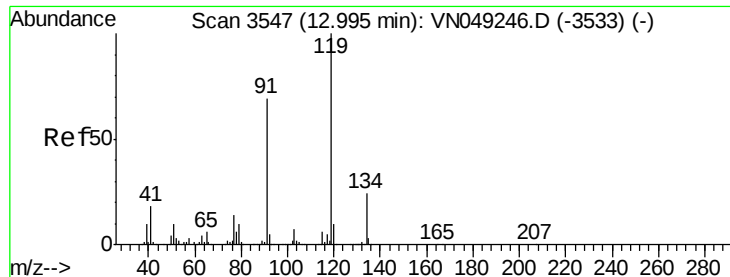
Tgt Ion:	91	Resp:	967793
Ion	Ratio	Lower	Upper
91	100		
126	34.2	0.0	68.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

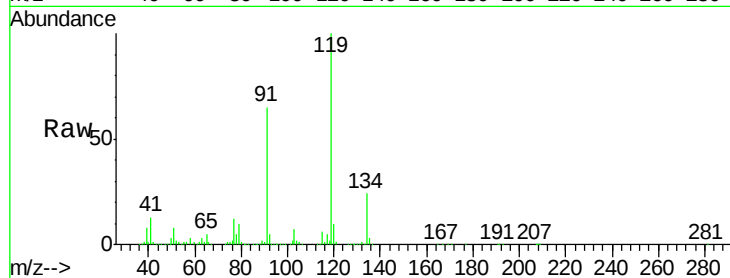
Ion 126.00 (125.70 to 126.70): V



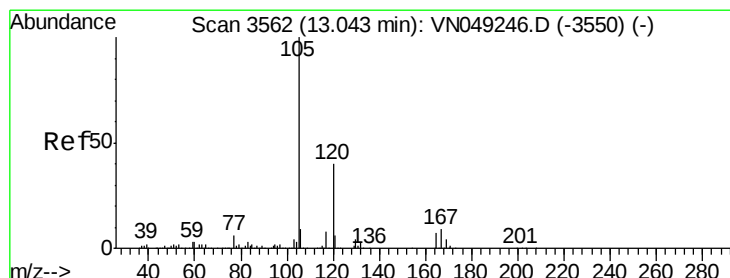
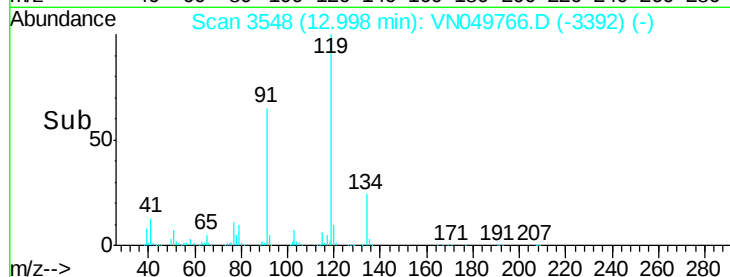
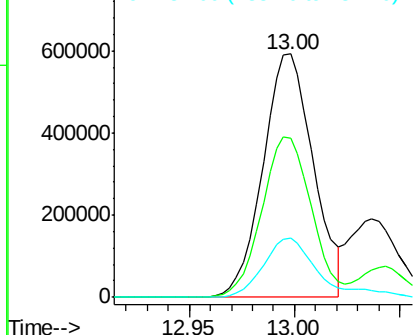


#79
tert-butylbenzene
Concen: 19.908 ug/l
RT: 13.00 min Scan# 3548
Delta R.T. 0.00 min
Lab File: VN049766.D
Acq: 11 Jul 2018 19:29

Tgt Ion	Ratio	Lower	Upper
119	100		
91	64.6	0.0	126.8
134	24.6	0.0	47.4

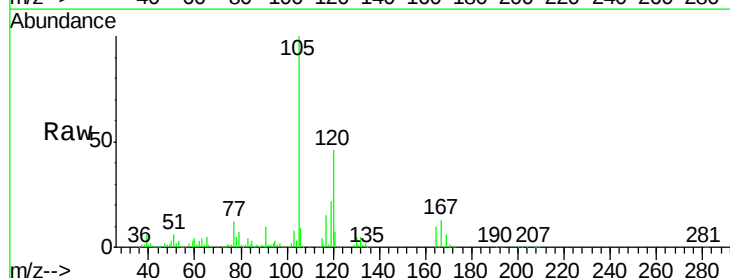


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

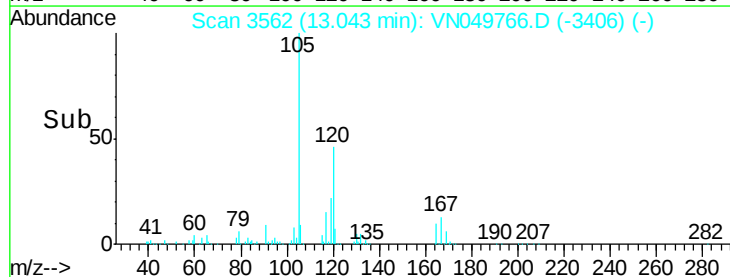
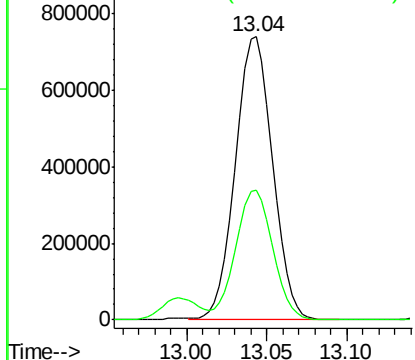


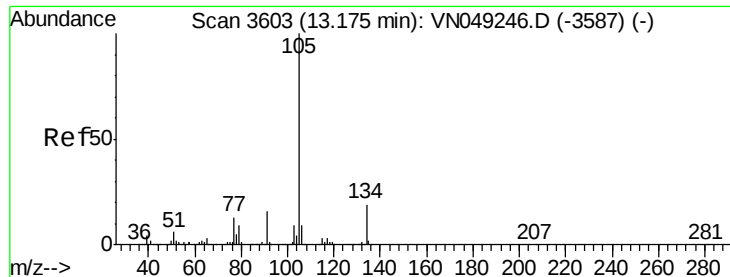
#80
1,2,4-Trimethylbenzene
Concen: 20.373 ug/l
RT: 13.04 min Scan# 3562
Delta R.T. 0.00 min
Lab File: VN049766.D
Acq: 11 Jul 2018 19:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	0.0	90.6



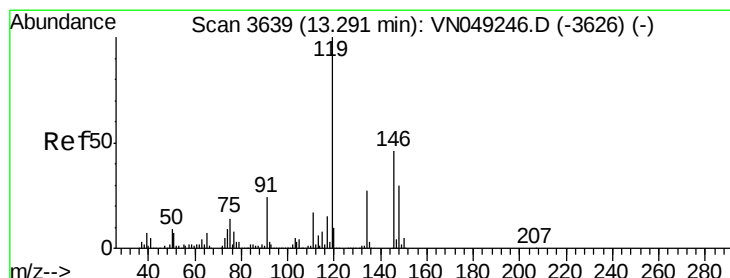
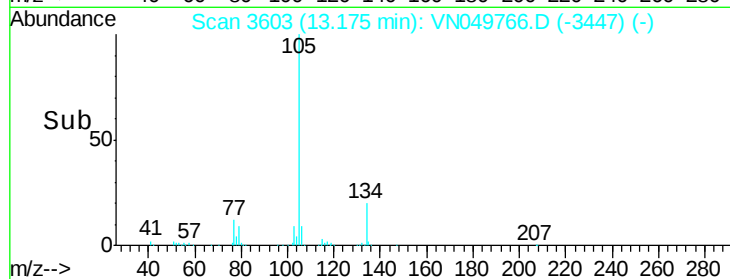
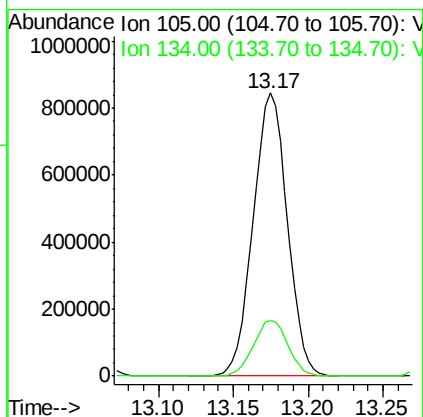
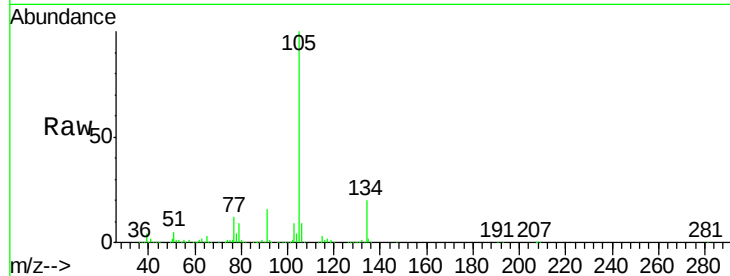
Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





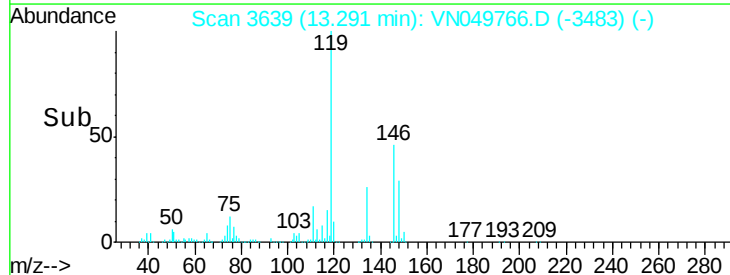
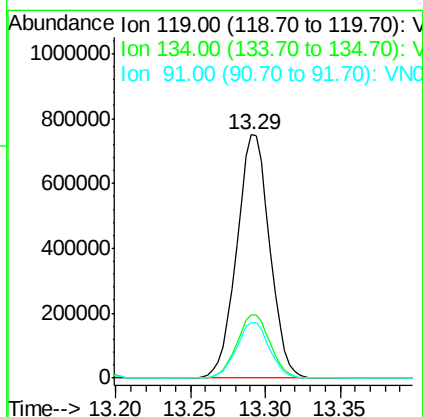
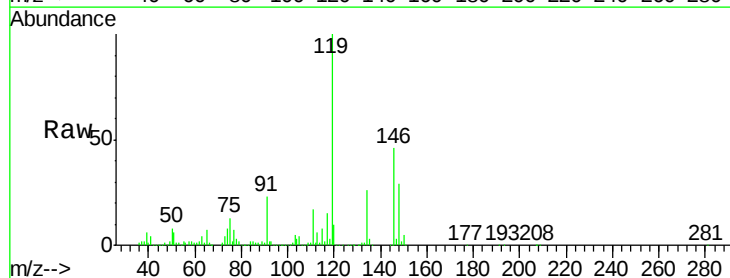
#81
 sec-Butylbenzene
 Concen: 20.204 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN049766.D
 Acq: 11 Jul 2018 19:29

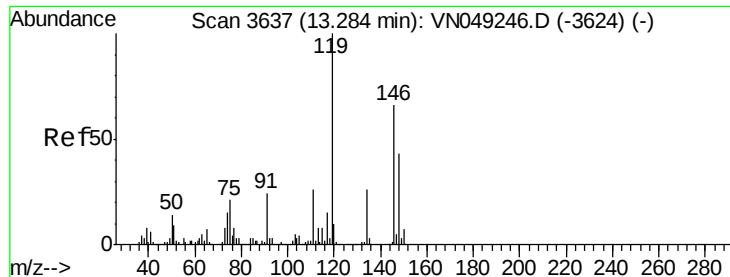
Tgt Ion:105 Resp: 1341410
 Ion Ratio Lower Upper
 105 100
 134 19.9 0.0 40.6



#82
 p-Isopropyltoluene
 Concen: 19.969 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.00 min
 Lab File: VN049766.D
 Acq: 11 Jul 2018 19:29

Tgt Ion:119 Resp: 1146530
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 52.2
 91 22.7 0.0 45.6





#83

1,3-Dichlorobenzene

Concen: 19.572 ug/l

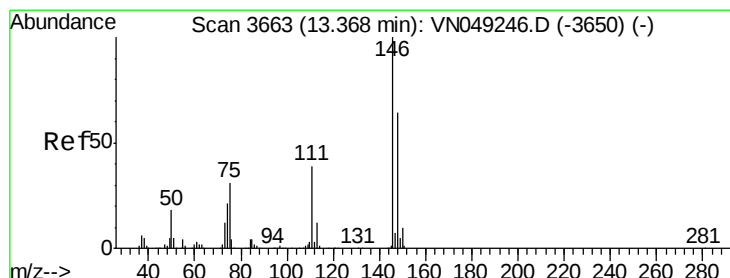
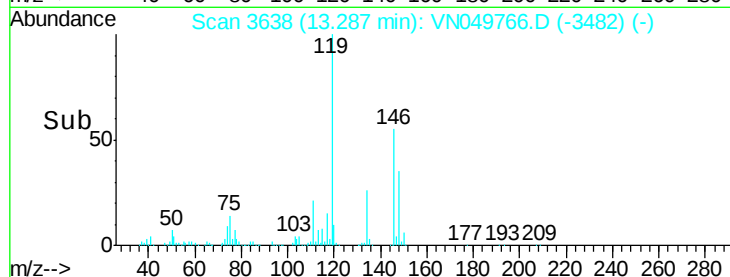
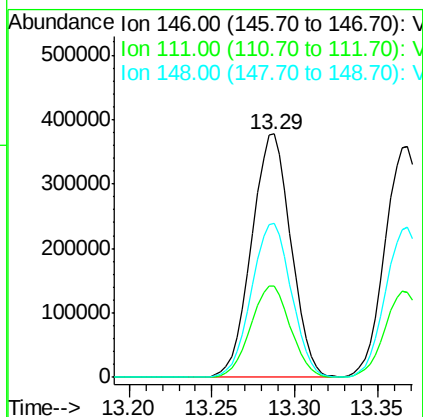
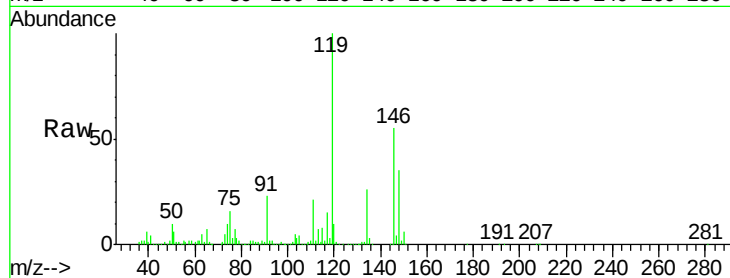
RT: 13.29 min Scan# 3638

Delta R.T. 0.00 min

Lab File: VN049766.D

Acq: 11 Jul 2018 19:29

Tgt Ion:	146	Resp:	623914
Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.1	57.1
148	64.2	31.9	95.9



#84

1,4-Dichlorobenzene

Concen: 19.387 ug/l

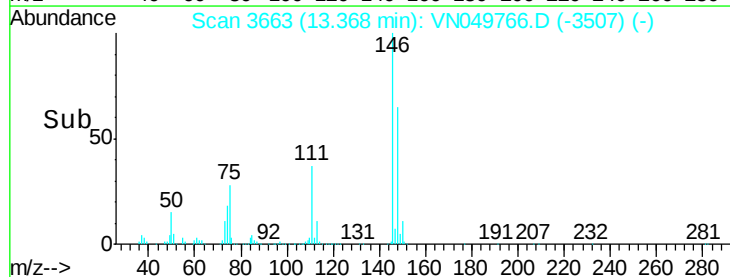
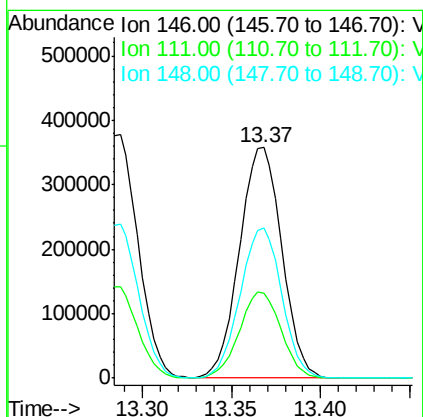
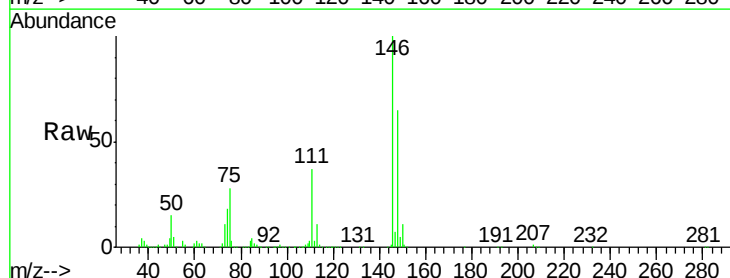
RT: 13.37 min Scan# 3663

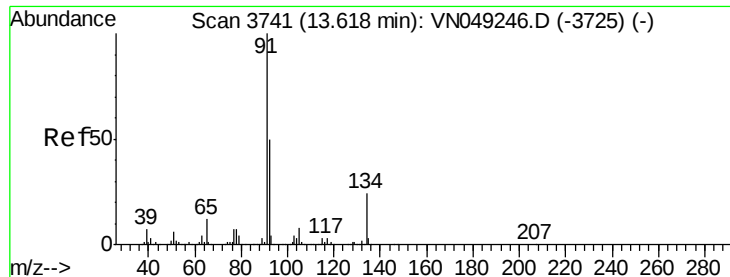
Delta R.T. 0.00 min

Lab File: VN049766.D

Acq: 11 Jul 2018 19:29

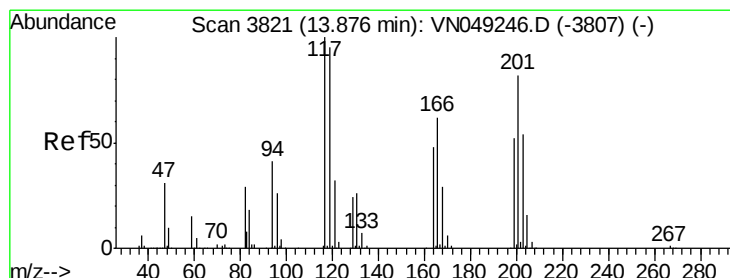
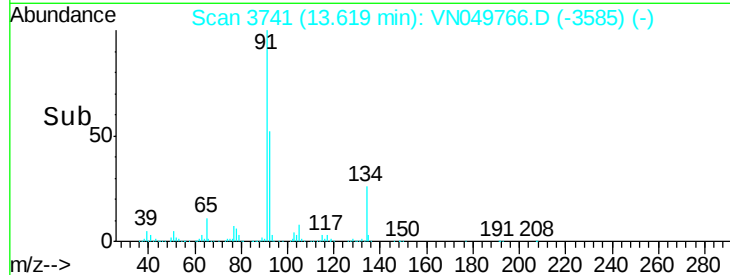
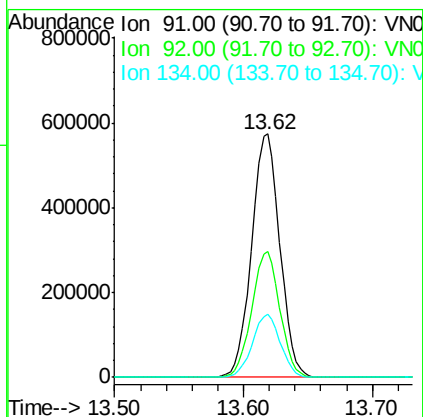
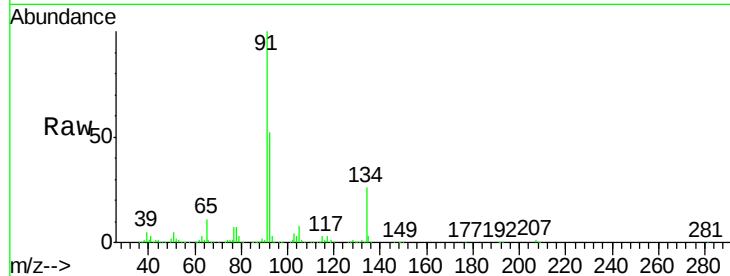
Tgt Ion:	146	Resp:	591992
Ion	Ratio	Lower	Upper
146	100		
111	36.8	17.9	53.8
148	64.2	32.4	97.0





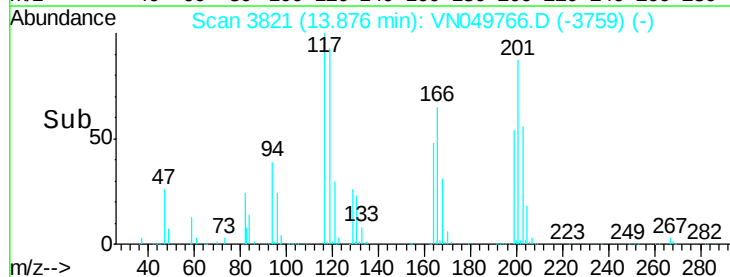
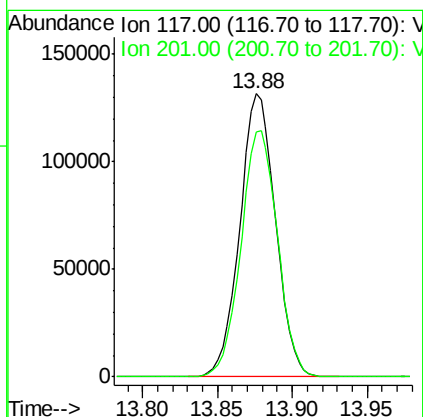
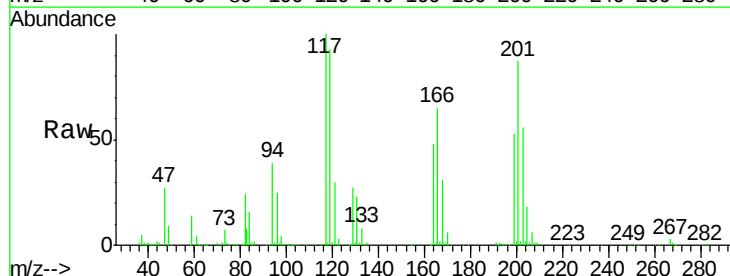
#85
n-Butylbenzene
Concen: 18.766 ug/l
RT: 13.62 min Scan# 3741
Delta R.T. 0.00 min
Lab File: VN049766.D
Acq: 11 Jul 2018 19:29

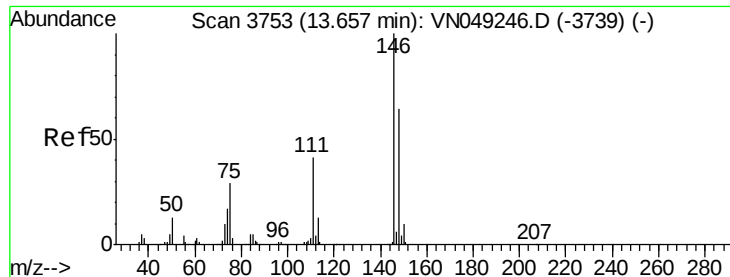
Tgt Ion: 91 Resp: 877162
Ion Ratio Lower Upper
91 100
92 51.5 0.0 102.8
134 25.7 0.0 51.0



#86
Hexachloroethane
Concen: 20.022 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049766.D
Acq: 11 Jul 2018 19:29

Tgt Ion: 117 Resp: 218662
Ion Ratio Lower Upper
117 100
201 88.9 46.6 139.7





#87

1,2-Dichlorobenzene

Concen: 20.349 ug/l

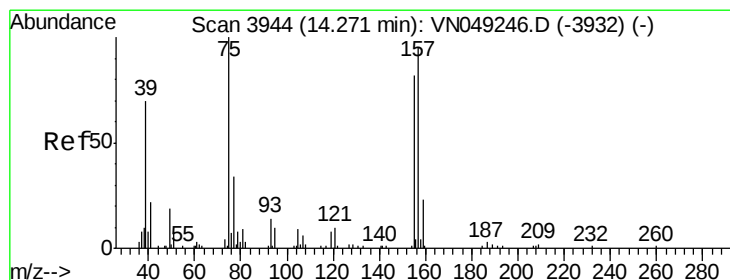
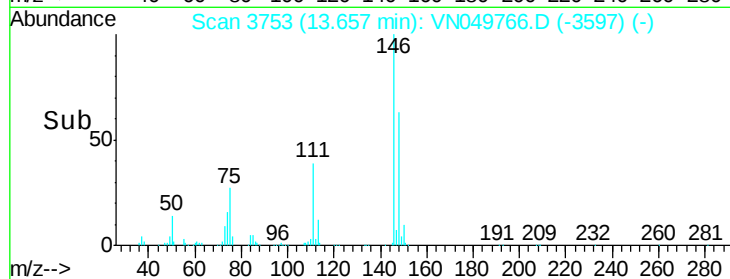
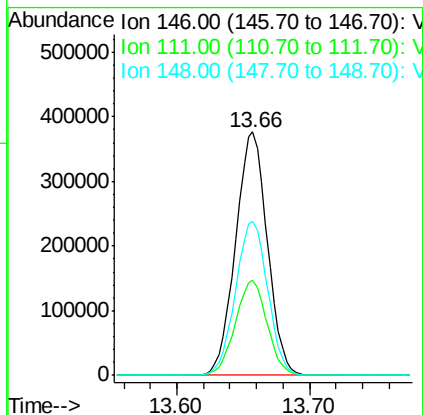
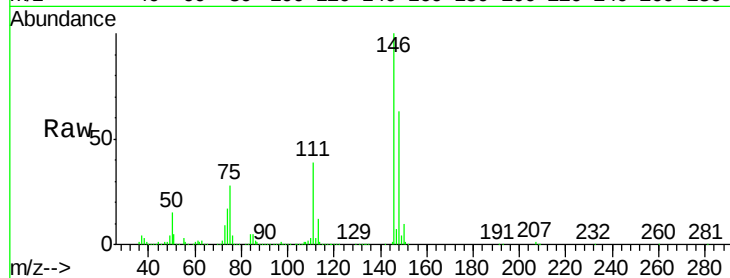
RT: 13.66 min Scan# 3753

Delta R.T. 0.00 min

Lab File: VN049766.D

Acq: 11 Jul 2018 19:29

Tgt Ion:	146	Resp:	624766
Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.8	59.3
148	64.2	31.8	95.3



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.415 ug/l

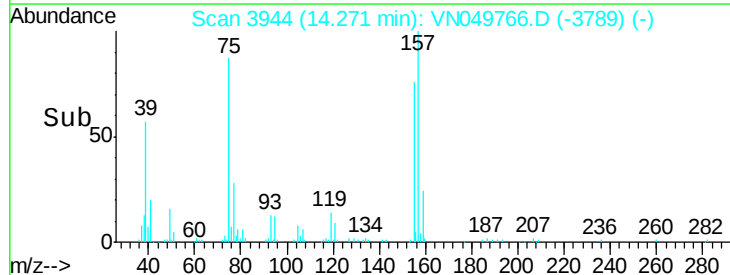
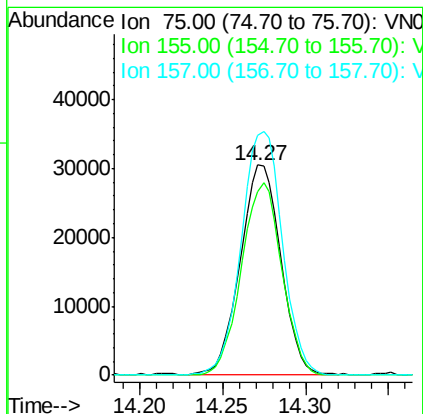
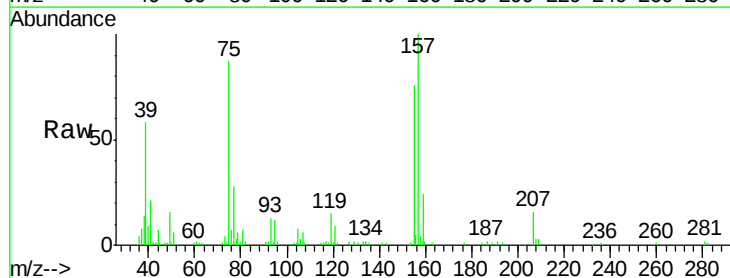
RT: 14.27 min Scan# 3944

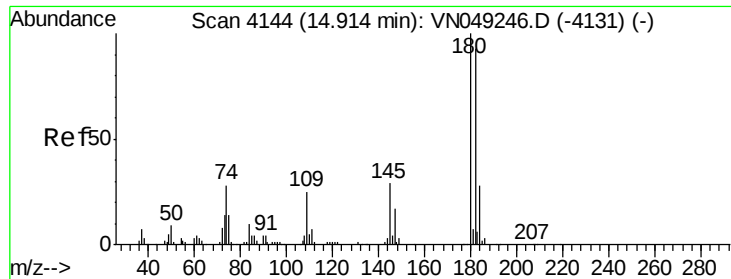
Delta R.T. -0.00 min

Lab File: VN049766.D

Acq: 11 Jul 2018 19:29

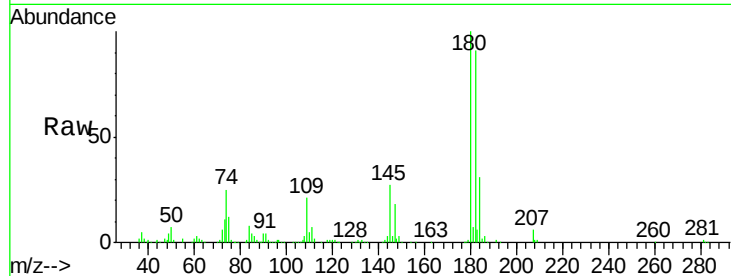
Tgt Ion:	75	Resp:	52001
Ion	Ratio	Lower	Upper
75	100		
155	90.7	73.0	109.6
157	117.3	94.9	142.3



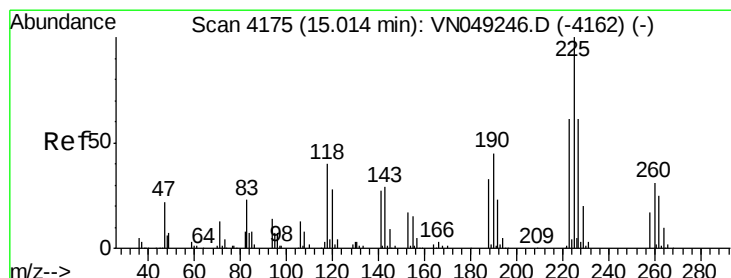
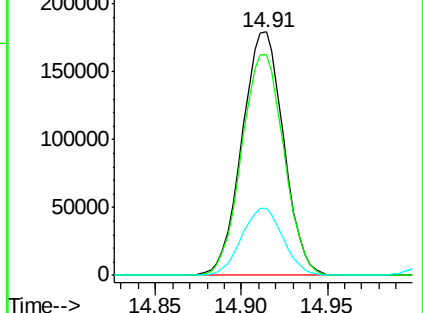
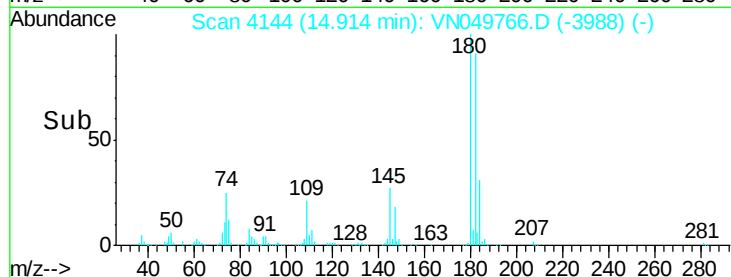


#89
 1,2,4-Trichlorobenzene
 Concen: 19.424 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN049766.D
 Acq: 11 Jul 2018 19:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.3	76.7	115.1
145	27.6	23.4	35.0

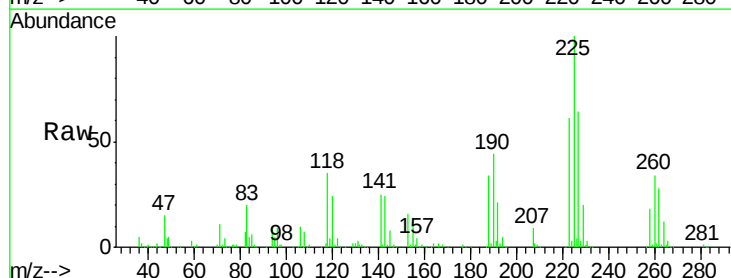


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

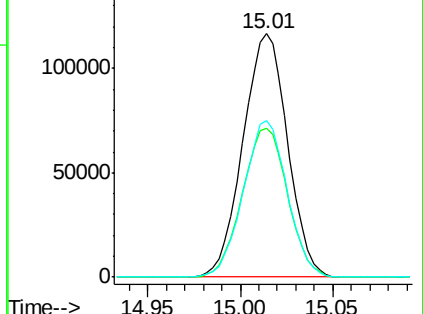
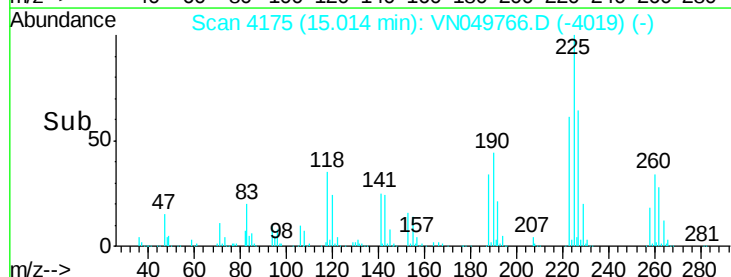


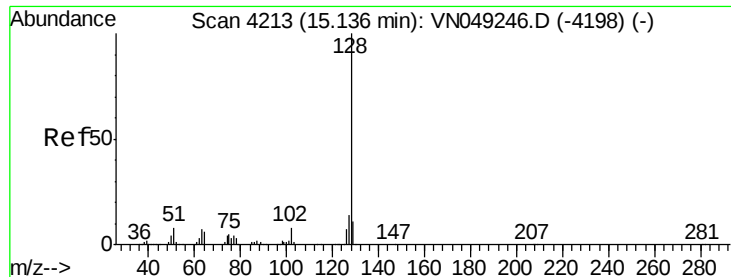
#90
 Hexachlorobutadiene
 Concen: 19.827 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049766.D
 Acq: 11 Jul 2018 19:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	0.0	124.4
227	63.0	0.0	133.0



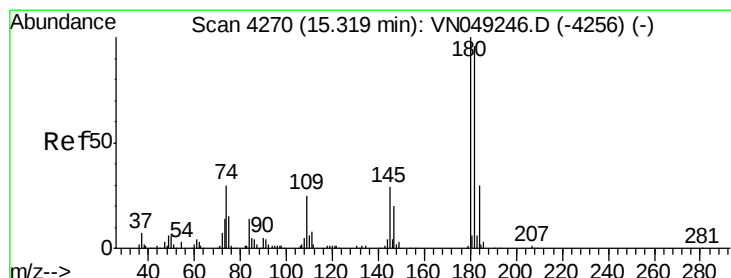
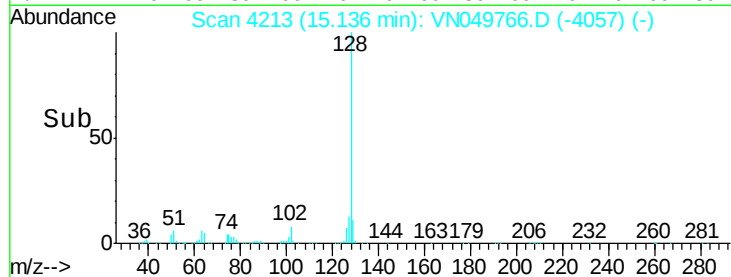
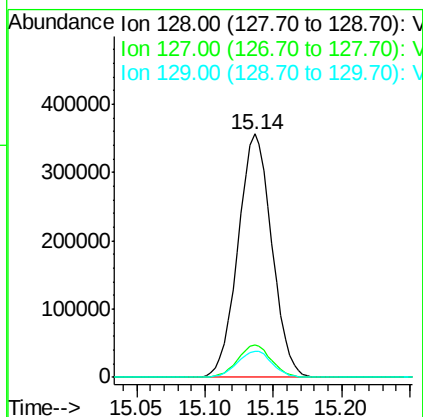
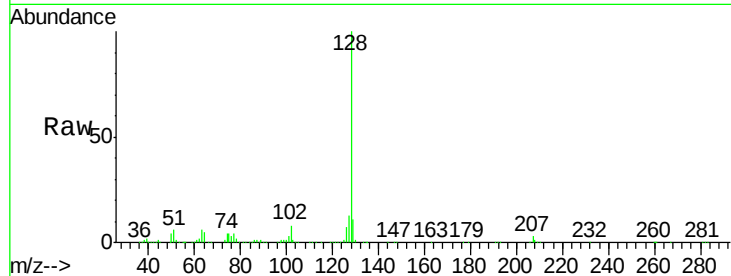
Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V





#91
Naphthalene
Concen: 17.950 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049766.D
Acq: 11 Jul 2018 19:29

Tgt Ion:128 Resp: 613378
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 11.0 9.0 13.4



#92
1,2,3-Trichlorobenzene
Concen: 19.531 ug/l
RT: 15.32 min Scan# 4270
Delta R.T. 0.00 min
Lab File: VN049766.D
Acq: 11 Jul 2018 19:29

Tgt Ion:180 Resp: 303761
Ion Ratio Lower Upper
180 100
182 97.4 0.0 188.8
145 30.5 0.0 60.8

