

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN071118\
 Data File : VN049763.D
 Acq On : 11 Jul 2018 18:12
 Operator : MD\SY
 Sample : J3762-08 LOQ 10 ppb
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 12 01:55:18 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	261051	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	1426008	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	1246182	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	546463	30.97	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.23%
60) 4-Bromofluorobenzene	12.40	95	551049	28.64	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	95.47%
63) Toluene-d8	10.09	98	1760770	30.24	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.80%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	152509	7.808	ug/l 98
3) Chloromethane	2.06	50	193936	9.607	ug/l 99
4) Vinyl Chloride	2.18	62	204107	9.554	ug/l 99
5) Bromomethane	2.55	94	122434	9.495	ug/l 100
6) Chloroethane	2.70	64	126161	10.175	ug/l 98
7) Trichlorofluoromethane	3.01	101	267553	9.900	ug/l 99
8) Diethyl Ether	3.41	74	91678	9.929	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	161740	9.940	ug/l 99
10) 1,1-Dichloroethene	3.73	96	146076	9.746	ug/l 98
11) Methyl Iodide	3.95	142	204462	9.176	ug/l 98
12) Methyl Acetate	4.33	43	137769	9.407	ug/l 98
13) Acrolein	3.61	56	85563	55.862	ug/l 97
14) Acrylonitrile	5.00	53	262080	49.890	ug/l 98
15) Acetone	3.82	58	62388	47.073	ug/l 98
16) Carbon Disulfide	4.05	76	450421	9.723	ug/l 99
17) Allyl chloride	4.32	41	225533	9.530	ug/l 99
18) Methylene Chloride	4.55	84	182798	10.281	ug/l 98
19) trans-1,2-Dichloroethene	5.04	96	160019	10.112	ug/l 97
20) Diisopropyl ether	5.96	45	480572	10.061	ug/l 98
21) 1,1-Dichloroethane	5.85	63	297830	10.158	ug/l 98
22) cis-1,2-Dichloroethene	6.83	96	175046	9.932	ug/l 100
23) tert-Butyl Alcohol	4.80	59	27522	25.011	ug/l # 100
24) Methyl tert-Butyl Ether	5.05	73	381667	9.574	ug/l 98
25) Chloroform	7.37	83	306162	10.342	ug/l 97
26) Cyclohexane	7.65	56	233171	9.418	ug/l # 99
29) 1,1-Dichloropropene	7.80	75	218608	9.632	ug/l 99
30) 2-Butanone	6.84	43	290480	45.948	ug/l 99
31) 2,2-Dichloropropane	6.83	77	230516	9.474	ug/l 100
32) 1,1,1-Trichloroethane	7.57	97	259119	9.934	ug/l 98
33) Carbon Tetrachloride	7.78	117	227875	9.855	ug/l 98
34) Benzene	8.04	78	672235	9.878	ug/l # 90
35) Methacrylonitrile	7.18	41	66576	9.220	ug/l 96
36) 1,2-Dichloroethane	8.13	62	222247	10.231	ug/l 99
37) Trichloroethene	8.84	130	180482	10.178	ug/l 100
38) Methylcyclohexane	9.08	83	222942	9.118	ug/l 99
39) 1,2-Dichloropropane	9.12	63	178852	10.123	ug/l 99
40) Dibromomethane	9.21	93	106416	10.016	ug/l 98

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

41) Bromodichloromethane	9.40	83	229804	10.057	ug/l	97
42) Vinyl Acetate	5.90	43	1609775	47.984	ug/l	100
43) Ethyl Acetate	6.94	43	132852	9.952	ug/l	95
44) Isopropyl Acetate	8.17	43	243054	9.738	ug/l	98
45) 1,4-Dioxane	9.21	88	32956	200.547	ug/l #	93
46) Methyl methacrylate	9.20	41	113556	9.073	ug/l	98
47) n-amyl Acetate	12.07	43	186402	8.866	ug/l	99
48) t-1,3-Dichloropropene	10.38	75	215211	9.347	ug/l	97
49) cis-1,3-Dichloropropene	9.84	75	250548	9.453	ug/l	99
50) 1,1,2-Trichloroethane	10.56	97	157190	10.174	ug/l	96
51) Ethyl methacrylate	10.43	69	171569	9.103	ug/l	98
52) 1,3-Dichloropropane	10.71	76	252675	9.958	ug/l	98
53) Dibromochloromethane	10.90	129	167644	9.597	ug/l	99
54) 1,2-Dibromoethane	11.01	107	148550	9.892	ug/l	97
55) 2-Chloroethyl vinyl ether	9.70	63	414952	43.224	ug/l	100
56) Bromoform	12.13	173	112627	9.413	ug/l	98
58) 4-Methyl-2-Pentanone	9.99	43	660030	48.719	ug/l	99
59) 2-Hexanone	10.75	43	421037	46.169	ug/l	98
61) Tetrachloroethene	10.63	164	162879	10.417	ug/l	97
62) Toluene	10.16	91	722602	10.117	ug/l	100
64) Chlorobenzene	11.44	112	442566	10.099	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.51	131	169043	10.164	ug/l	99
66) Ethyl Benzene	11.51	91	713396	9.521	ug/l	99
67) m/p-Xylenes	11.63	106	555952	19.290	ug/l	98
68) o-Xylene	11.95	106	266446	9.675	ug/l	99
69) Styrene	11.97	104	410147	9.330	ug/l	99
70) Isopropylbenzene	12.25	105	704114	9.641	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.51	83	189239	10.096	ug/l	98
72) 1,2,3-Trichloropropane	12.56	75	222232	14.807	ug/l	52
73) Bromobenzene	12.53	156	184858	9.654	ug/l	99
74) n-propylbenzene	12.59	91	798592	9.446	ug/l	99
75) 2-Chlorotoluene	12.68	91	496787	9.797	ug/l	99
76) 1,3,5-Trimethylbenzene	12.73	105	561572	9.461	ug/l	100
77) t-1,4-Dichloro-2-butene	12.30	75	45993	8.743	ug/l	91
78) 4-Chlorotoluene	12.78	91	477534	9.444	ug/l	98
79) tert-butylbenzene	12.99	119	498711	9.680	ug/l	99
80) 1,2,4-Trimethylbenzene	13.04	105	568649	9.490	ug/l	100
81) sec-Butylbenzene	13.17	105	668136	9.655	ug/l	99
82) p-Isopropyltoluene	13.29	119	552872	9.239	ug/l	99
83) 1,3-Dichlorobenzene	13.28	146	311948	9.389	ug/l	99
84) 1,4-Dichlorobenzene	13.36	146	291443	9.158	ug/l	98
85) n-Butylbenzene	13.62	91	412587	8.469	ug/l	99
86) Hexachloroethane	13.88	117	114526	10.062	ug/l	97
87) 1,2-Dichlorobenzene	13.65	146	307115	9.597	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	25051	8.974	ug/l	96
89) 1,2,4-Trichlorobenzene	14.91	180	117674	7.282	ug/l	99
90) Hexachlorobutadiene	15.01	225	98639	9.592	ug/l	99
91) Naphthalene	15.14	128	223245	6.269	ug/l	100
92) 1,2,3-Trichlorobenzene	15.32	180	125013	7.712	ug/l	98

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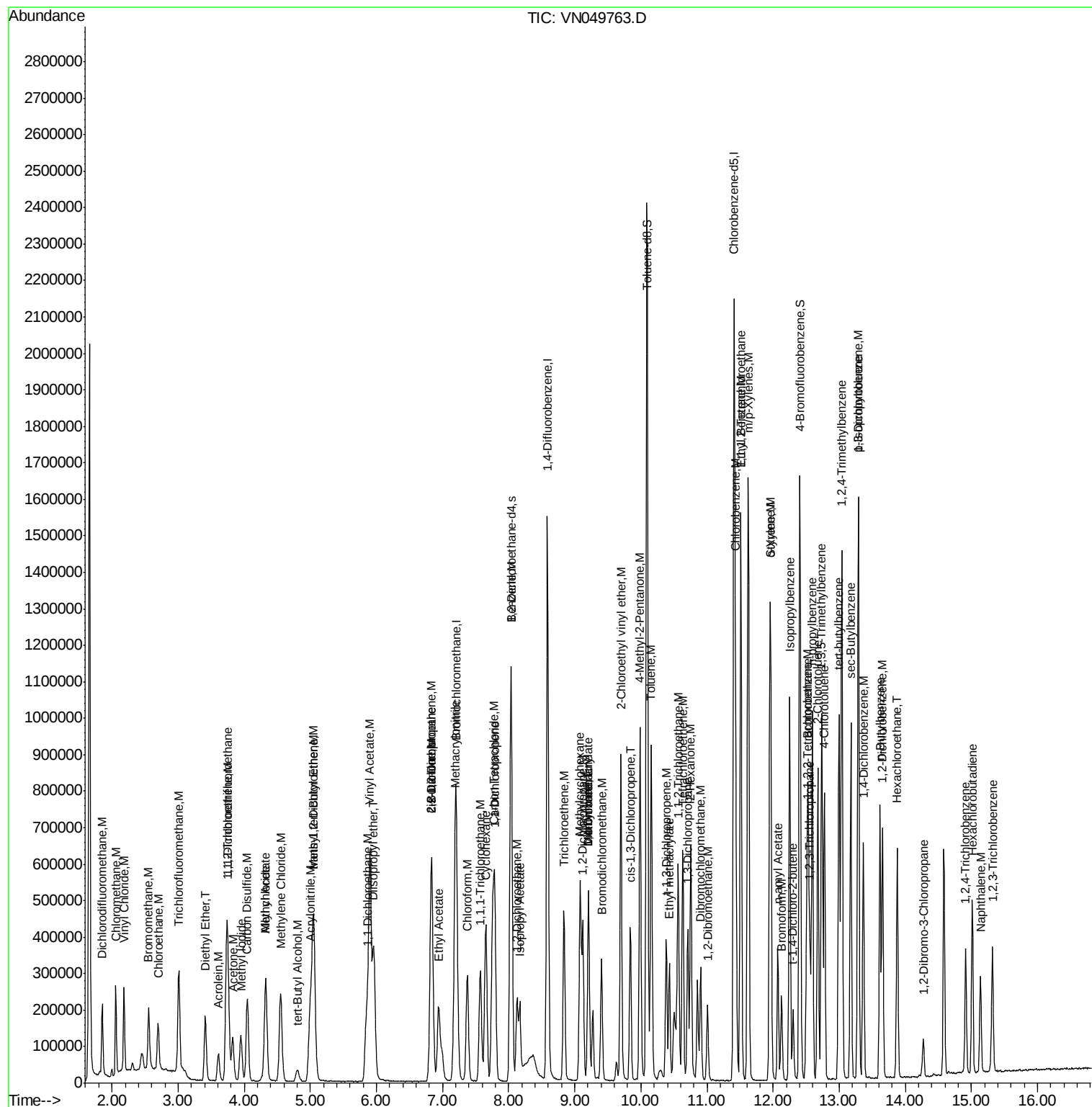
Quant Time: Jul 12 01:55:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N071118W.M
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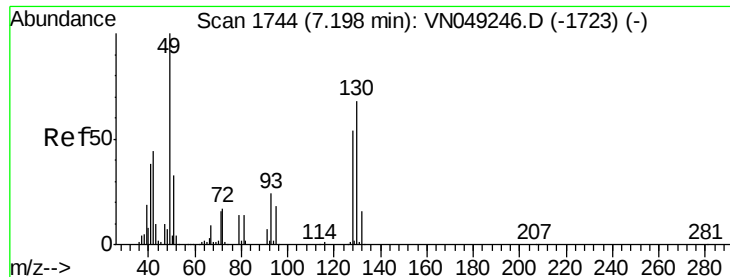
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VN049763.D

Acq: 11 Jul 2018 18:12

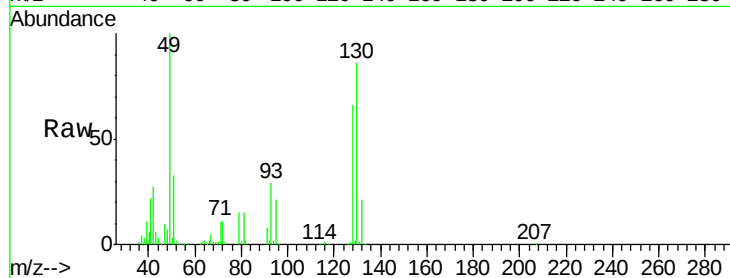
Tgt Ion: 128 Resp: 261051

Ion Ratio Lower Upper

128 100

49 154.3 0.0 378.3

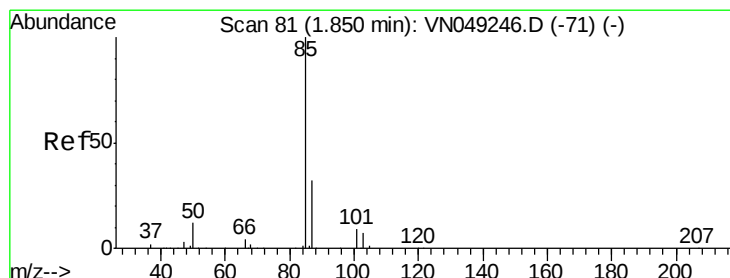
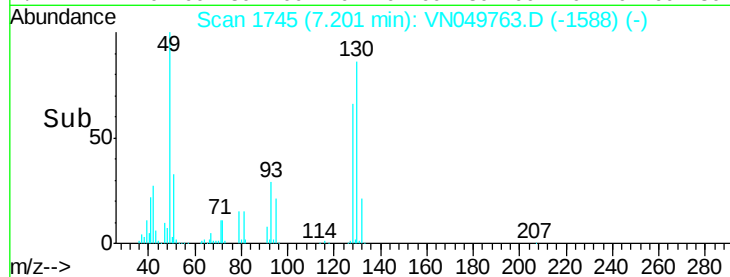
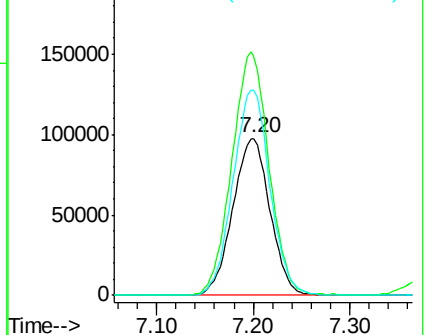
130 130.0 0.0 320.7



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: 7.808 ug/l

RT: 1.85 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN049763.D

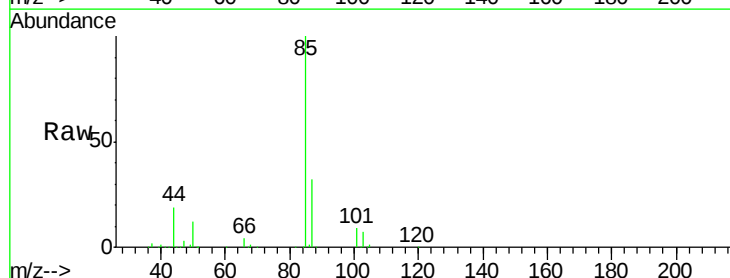
Acq: 11 Jul 2018 18:12

Tgt Ion: 85 Resp: 152509

Ion Ratio Lower Upper

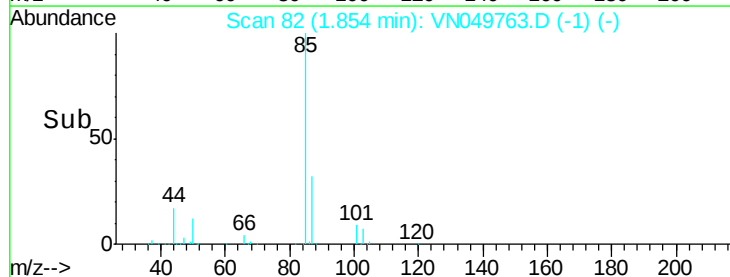
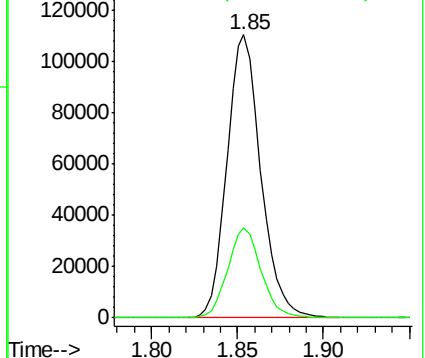
85 100

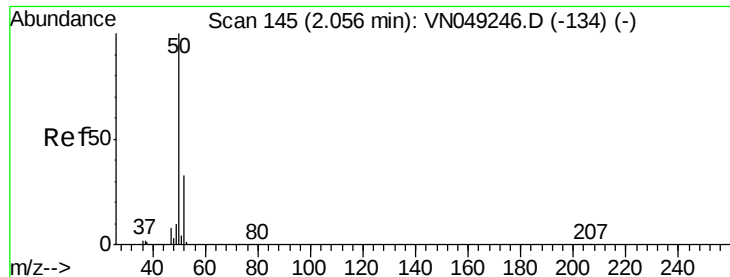
87 32.1 15.4 46.4



Abundance Ion 85.00 (84.70 to 85.70): V

Ion 87.00 (86.70 to 87.70): V





#3

Chloromethane

Concen: 9.607 ug/l

RT: 2.06 min Scan# 145

Delta R.T. -0.00 min

Lab File: VN049763.D

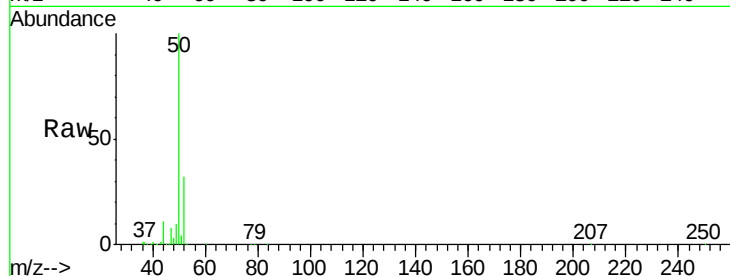
Acq: 11 Jul 2018 18:12

Tgt Ion: 50 Resp: 193936

Ion Ratio Lower Upper

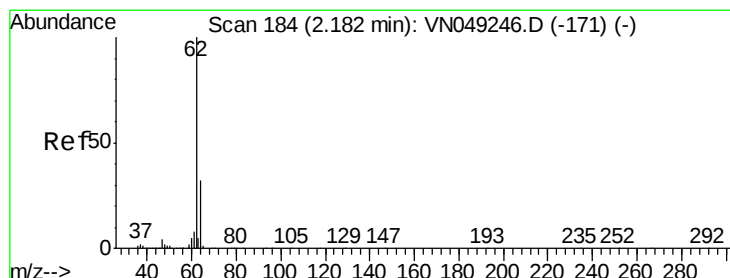
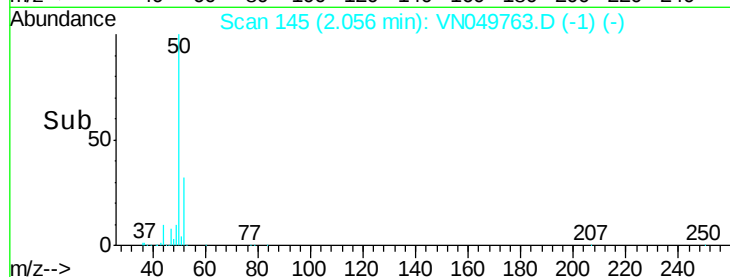
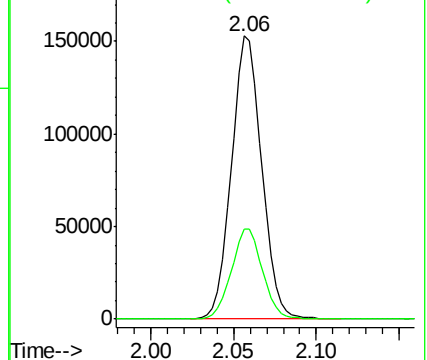
50 100

52 31.9 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: 9.554 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN049763.D

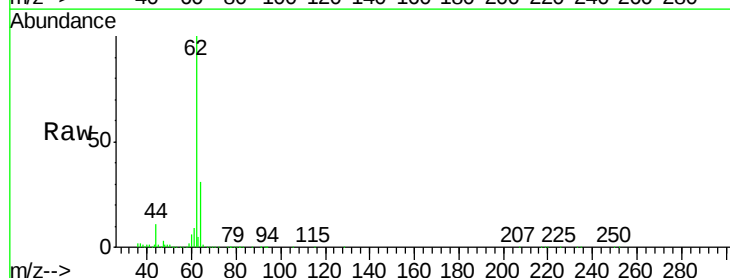
Acq: 11 Jul 2018 18:12

Tgt Ion: 62 Resp: 204107

Ion Ratio Lower Upper

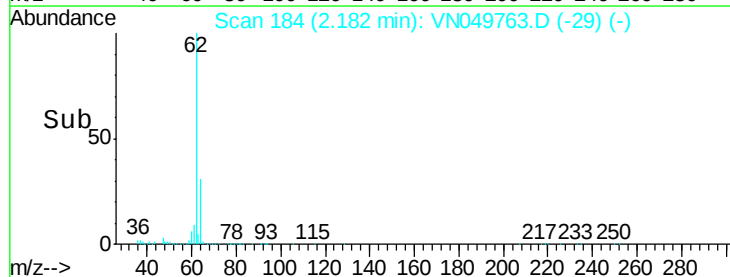
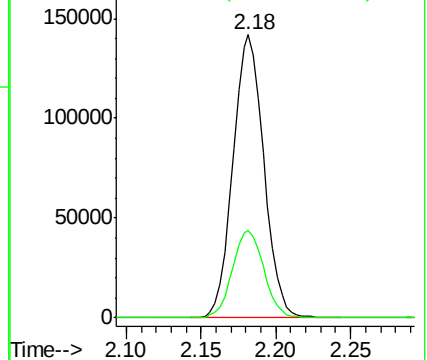
62 100

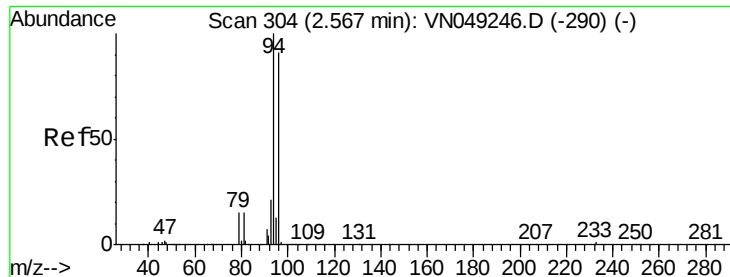
64 30.9 24.4 36.6



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0





#5

Bromomethane

Concen: 9.495 ug/l

RT: 2.55 min Scan# 300

Delta R.T. -0.01 min

Lab File: VN049763.D

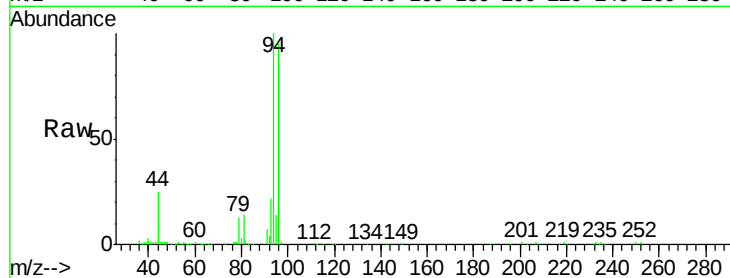
Acq: 11 Jul 2018 18:12

Tgt Ion: 94 Resp: 122434

Ion Ratio Lower Upper

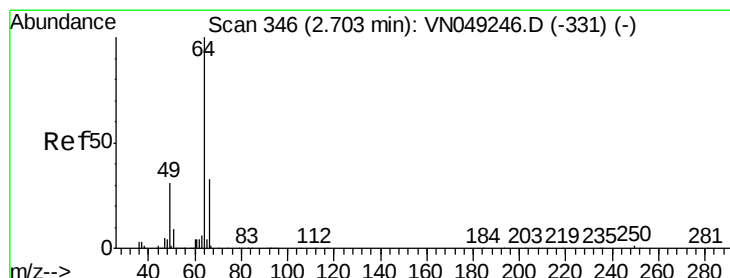
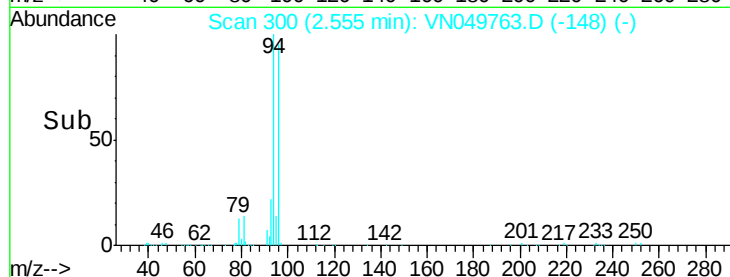
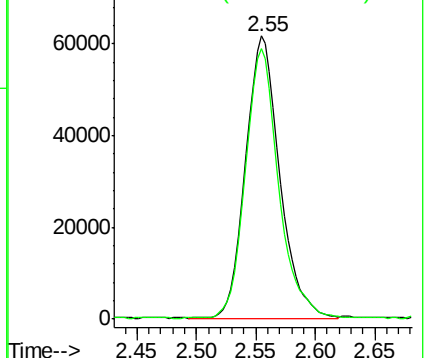
94 100

96 95.3 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: 10.175 ug/l

RT: 2.70 min Scan# 345

Delta R.T. -0.00 min

Lab File: VN049763.D

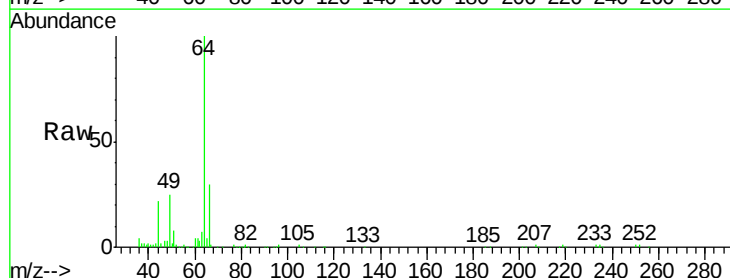
Acq: 11 Jul 2018 18:12

Tgt Ion: 64 Resp: 126161

Ion Ratio Lower Upper

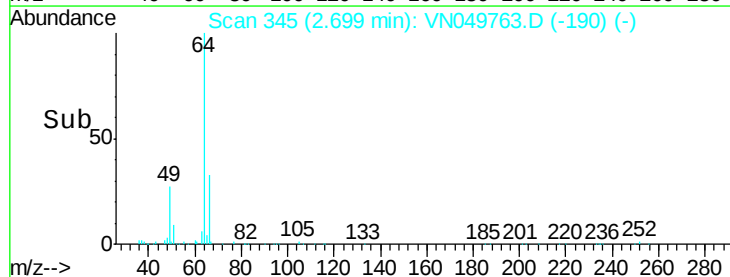
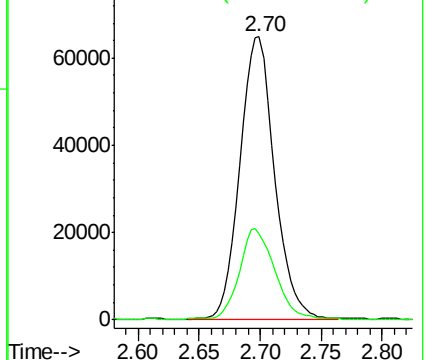
64 100

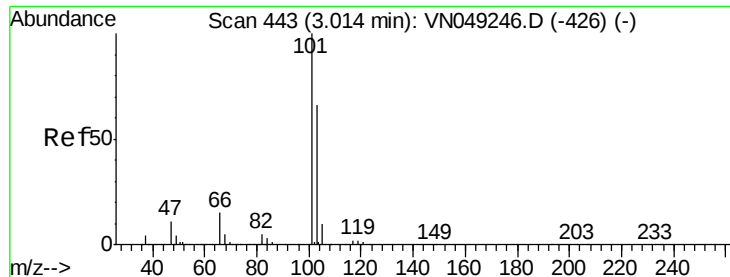
66 30.1 25.0 37.4



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0

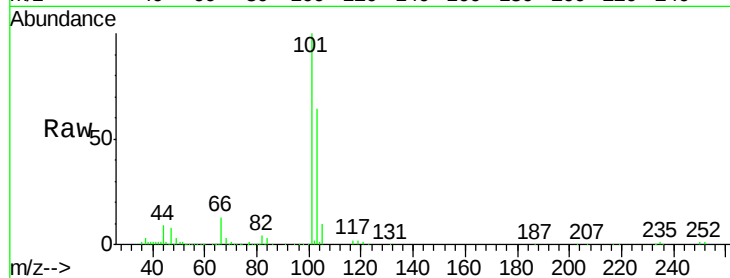




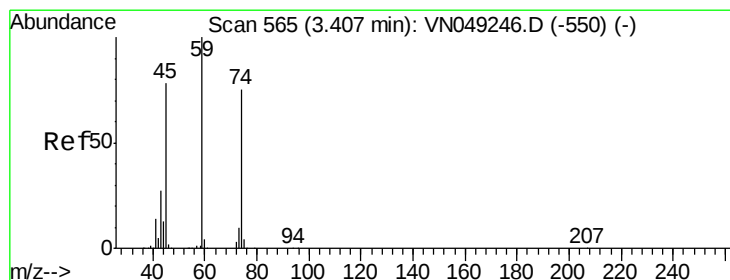
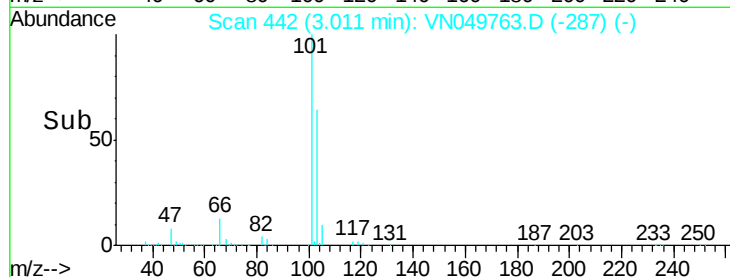
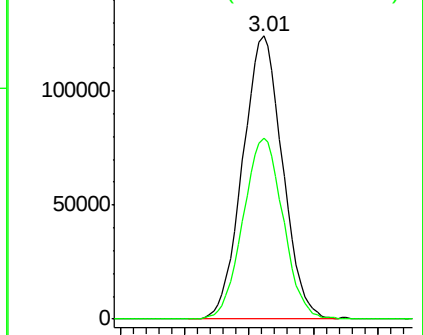
#7

Trichlorofluoromethane
Concen: 9.900 ug/l
RT: 3.01 min Scan# 442
Delta R.T. -0.00 min
Lab File: VN049763.D
Acq: 11 Jul 2018 18:12

Tgt Ion: 101 Resp: 267553
Ion Ratio Lower Upper
101 100
103 64.0 51.5 77.3



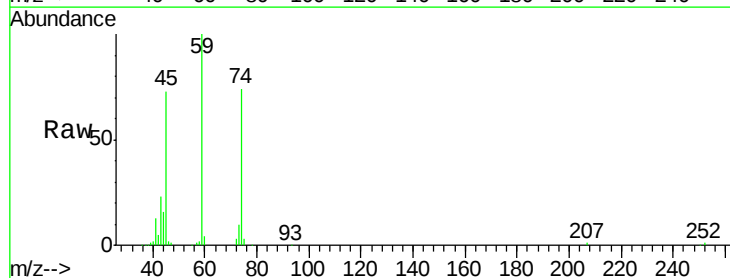
Abundance Ion 101.00 (100.70 to 101.70): V
Ion 103.00 (102.70 to 103.70): V



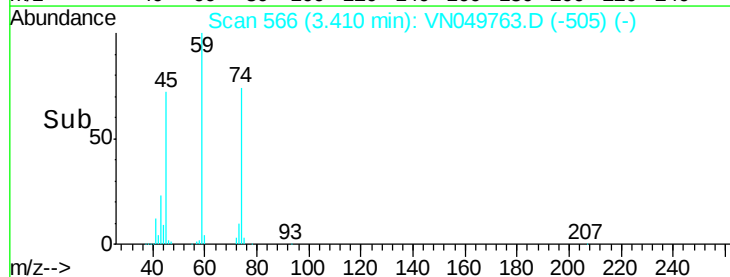
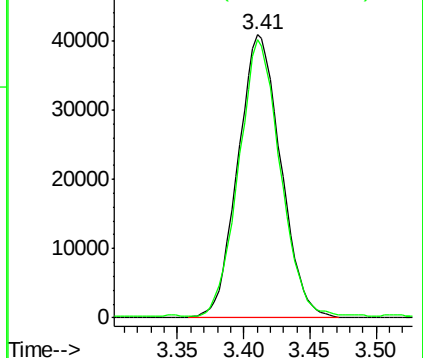
#8

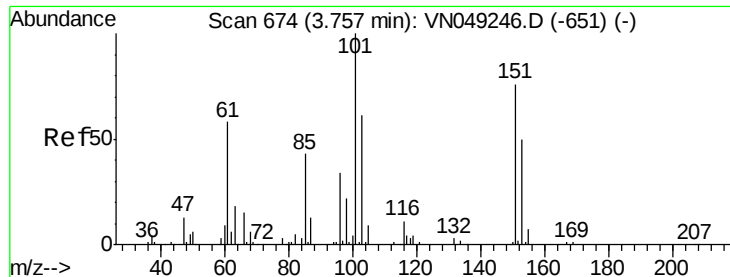
Diethyl Ether
Concen: 9.929 ug/l
RT: 3.41 min Scan# 566
Delta R.T. -0.00 min
Lab File: VN049763.D
Acq: 11 Jul 2018 18:12

Tgt Ion: 74 Resp: 91678
Ion Ratio Lower Upper
74 100
45 94.1 18.7 167.9



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 9.940 ug/l

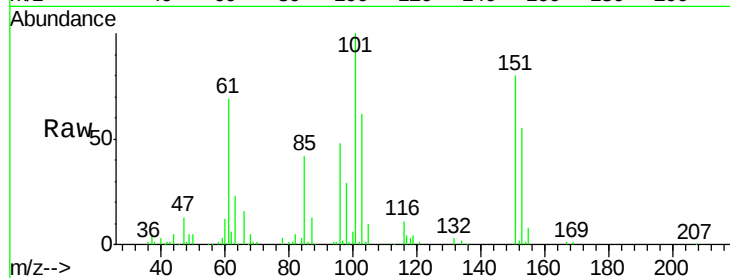
RT: 3.75 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN049763.D

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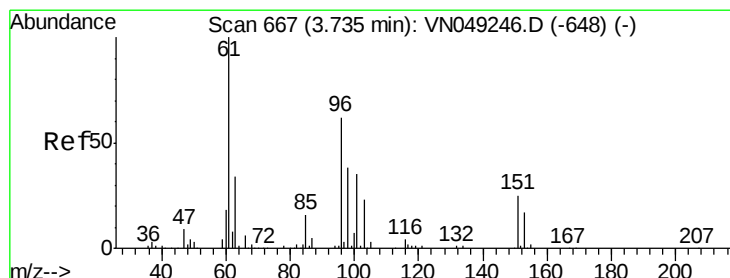
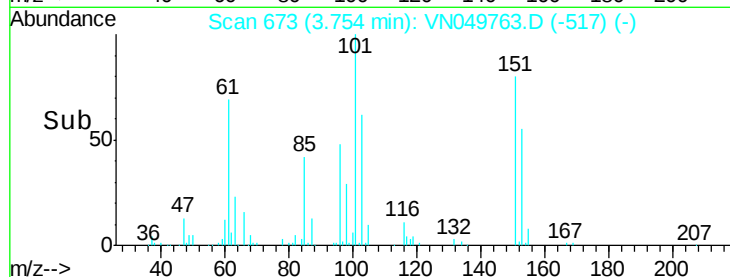
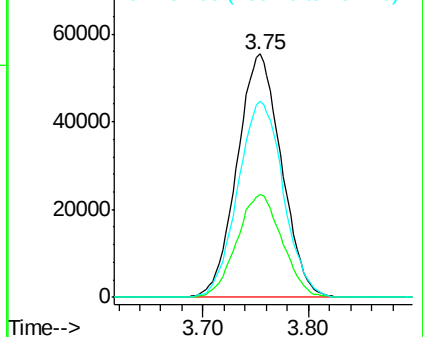
Tgt Ion:	101	Resp:	161740
Ion	Ratio	Lower	Upper
101	100		
85	43.1	0.0	83.0
151	82.7	0.0	166.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 9.746 ug/l

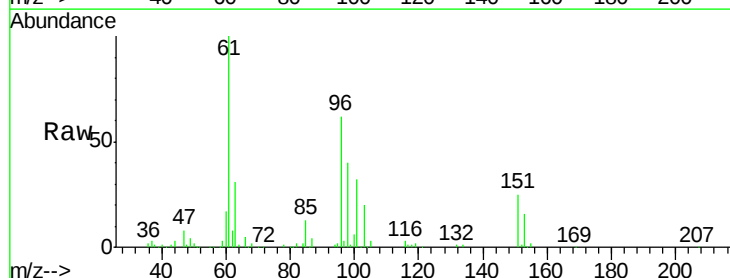
RT: 3.73 min Scan# 666

Delta R.T. -0.00 min

Lab File: VN049763.D

Acq: 11 Jul 2018 18:12

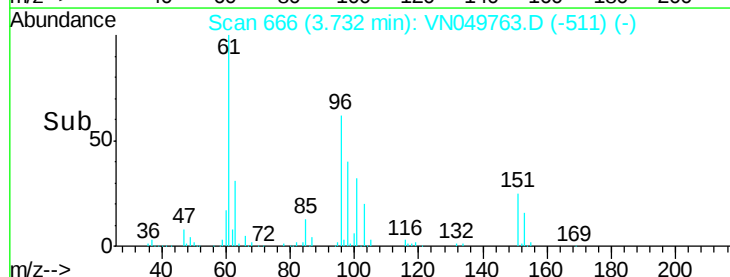
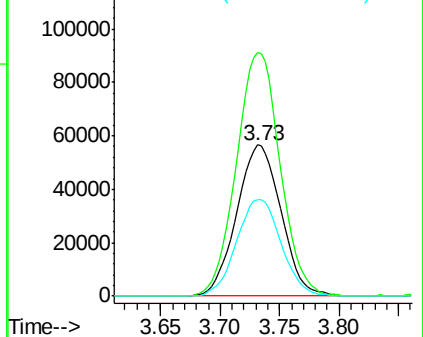
Tgt Ion:	96	Resp:	146076
Ion	Ratio	Lower	Upper
96	100		
61	161.1	130.6	195.8
98	64.1	53.5	80.3

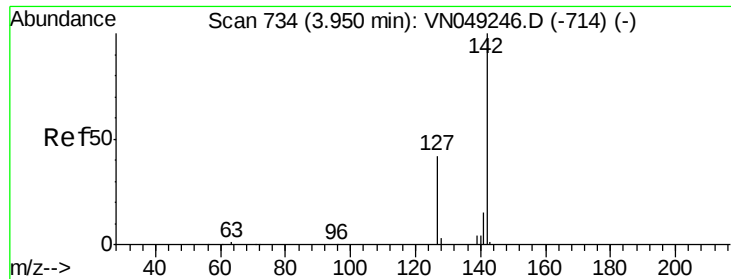


Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

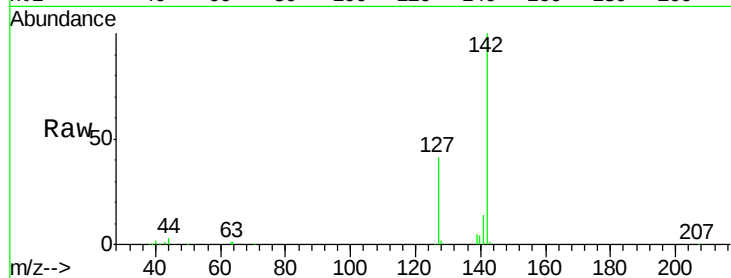
Ion 98.00 (97.70 to 98.70): VN0



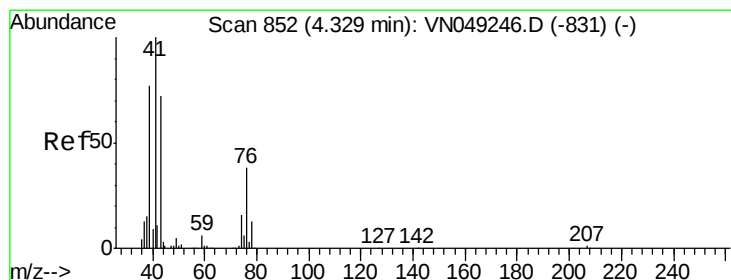
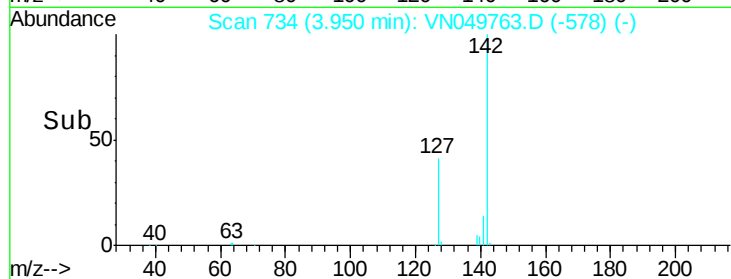
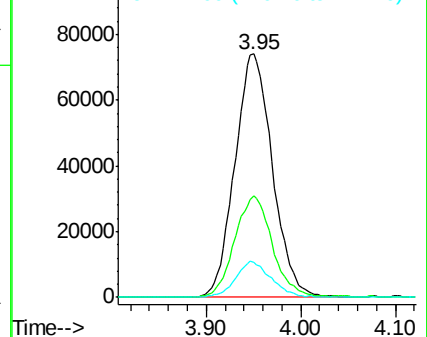


#11
Methyl Iodide
Concen: 9.176 ug/l
RT: 3.95 min Scan# 734
Delta R.T. 0.00 min
Lab File: VN049763.D
Acq: 11 Jul 2018 18:12

Tgt Ion	Ratio	Lower	Upper
142	100		
127	41.3	20.2	60.5
141	14.4	6.9	20.6

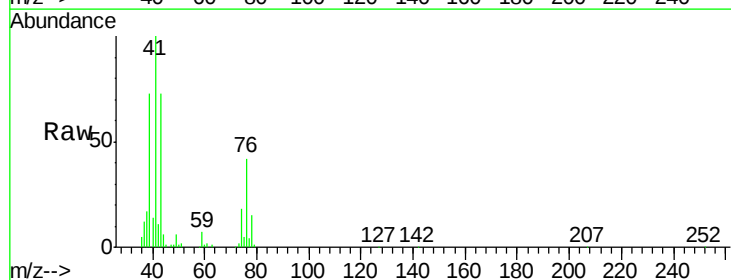


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

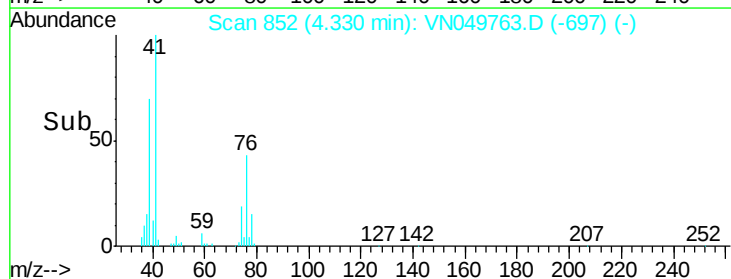
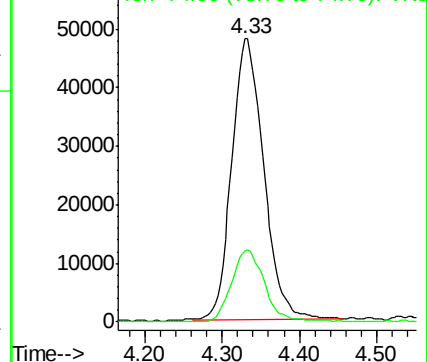


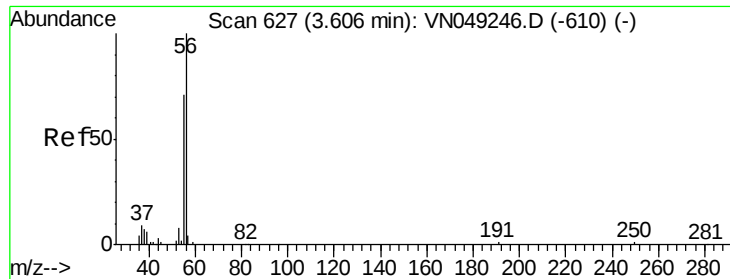
#12
Methyl Acetate
Concen: 9.407 ug/l
RT: 4.33 min Scan# 852
Delta R.T. -0.00 min
Lab File: VN049763.D
Acq: 11 Jul 2018 18:12

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.3	19.3	28.9



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





#13

Acrolein

Concen: 55.862 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN049763.D

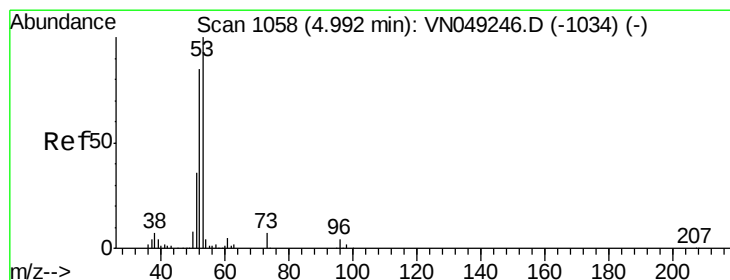
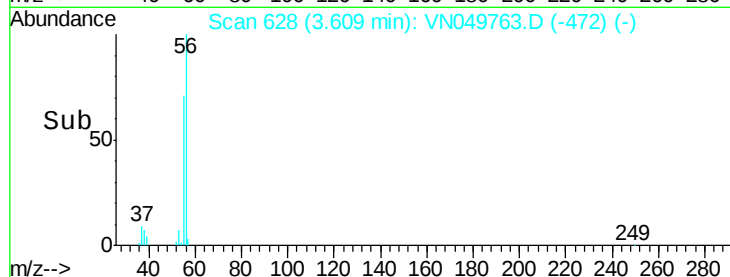
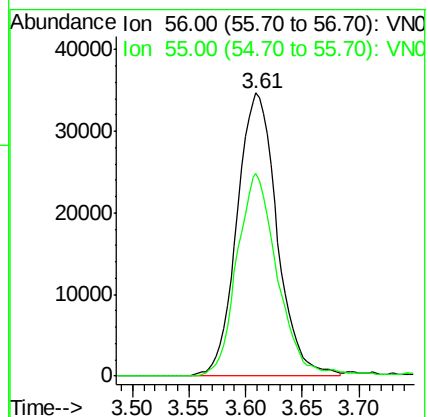
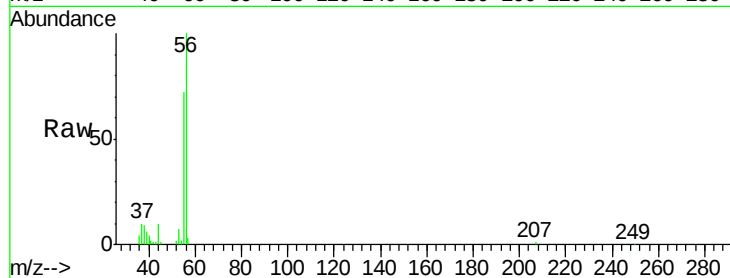
Acq: 11 Jul 2018 18:12

Tgt Ion: 56 Resp: 85563

Ion Ratio Lower Upper

56 100

55 71.0 58.6 88.0



#14

Acrylonitrile

Concen: 49.890 ug/l

RT: 5.00 min Scan# 1060

Delta R.T. 0.00 min

Lab File: VN049763.D

Acq: 11 Jul 2018 18:12

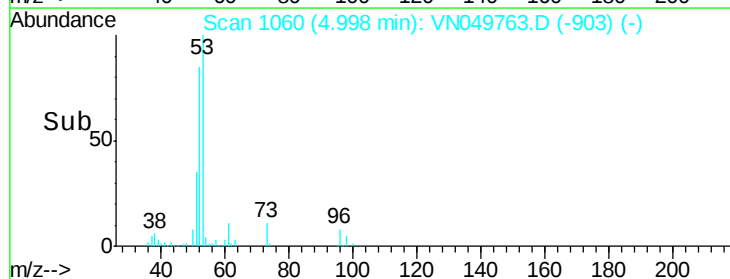
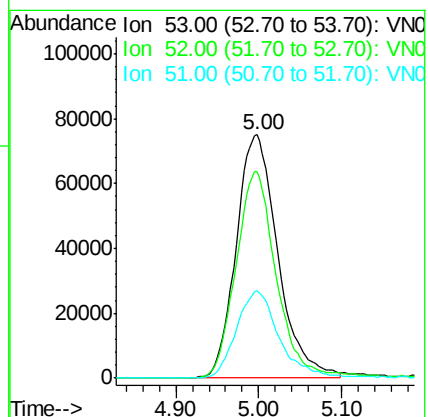
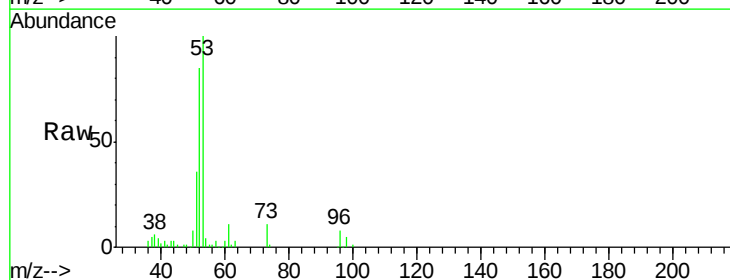
Tgt Ion: 53 Resp: 262080

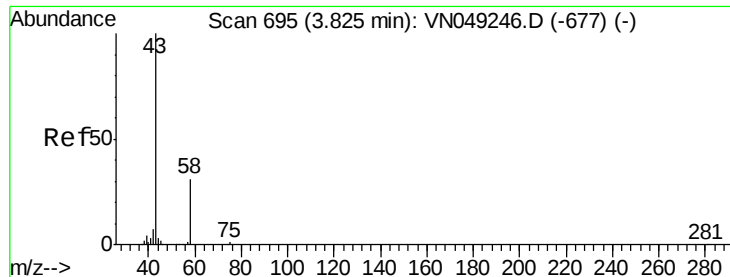
Ion Ratio Lower Upper

53 100

52 80.9 41.5 124.5

51 36.4 18.7 56.1





#15

Acetone

Concen: 47.073 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049763.D

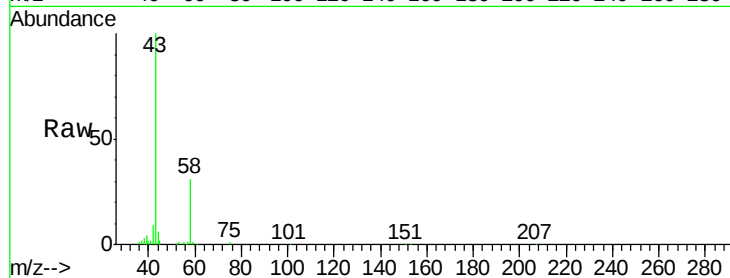
Acq: 11 Jul 2018 18:12

Tgt Ion: 58 Resp: 62388

Ion Ratio Lower Upper

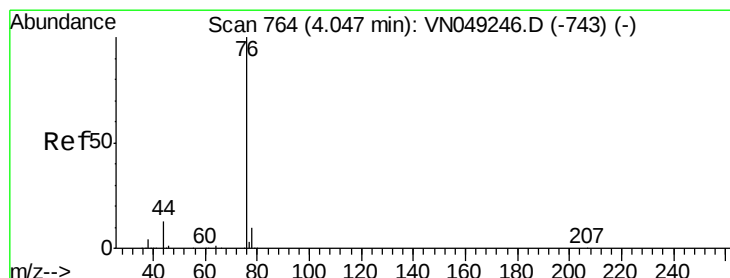
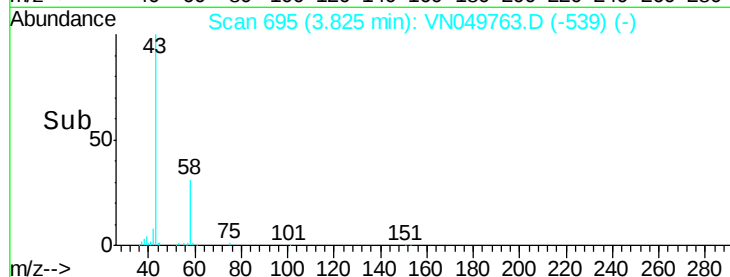
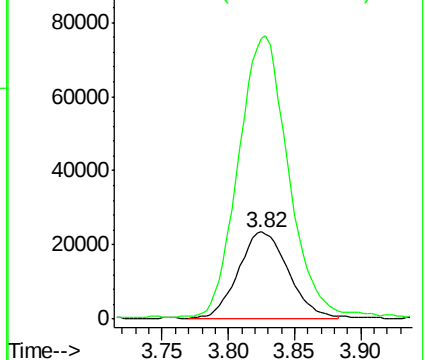
58 100

43 318.3 252.0 378.0



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#16

Carbon Disulfide

Concen: 9.723 ug/l

RT: 4.05 min Scan# 764

Delta R.T. -0.00 min

Lab File: VN049763.D

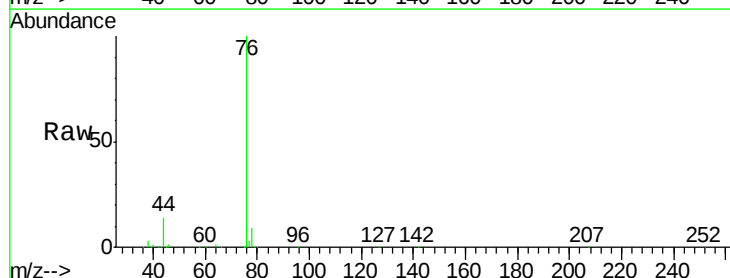
Acq: 11 Jul 2018 18:12

Tgt Ion: 76 Resp: 450421

Ion Ratio Lower Upper

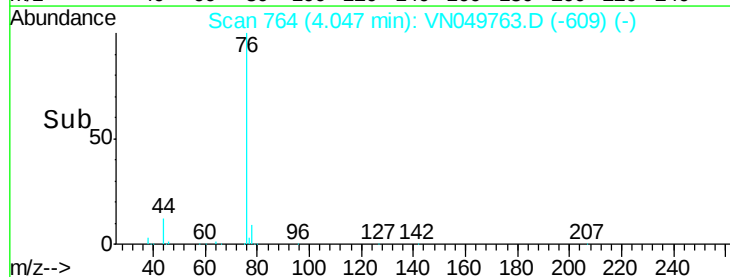
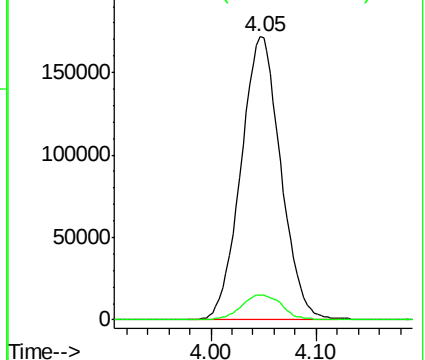
76 100

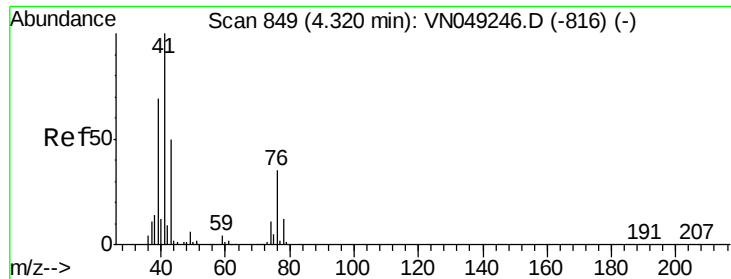
78 8.8 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VN0

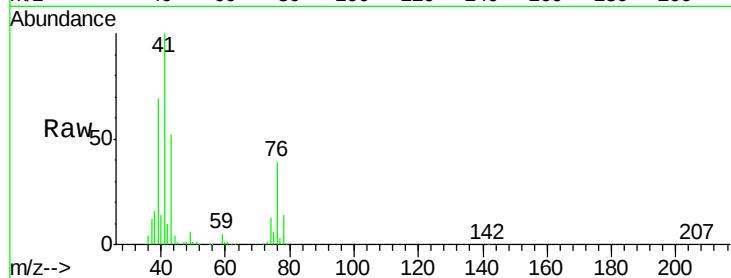
Ion 78.00 (77.70 to 78.70): VN0



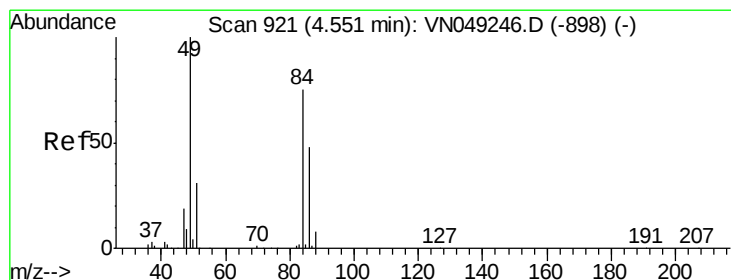
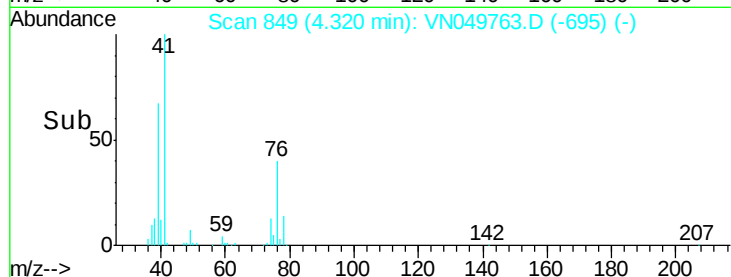
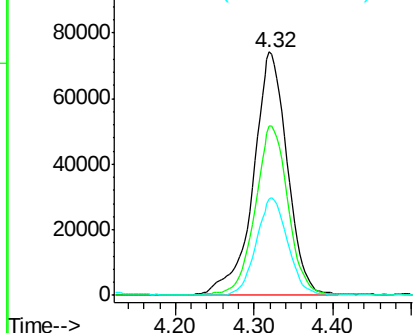


#17
 Allyl chloride
 Concen: 9.530 ug/l
 RT: 4.32 min Scan# 849
 Delta R.T. -0.01 min
 Lab File: VN049763.D
 Acq: 11 Jul 2018 18:12

Tgt Ion: 41 Resp: 225533
 Ion Ratio Lower Upper
 41 100
 39 69.3 35.4 106.3
 76 39.3 19.7 59.1

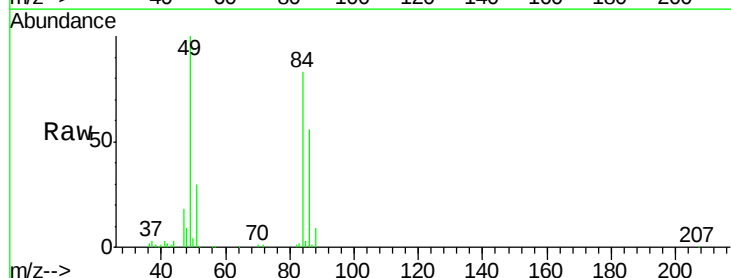


Abundance Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0
 Ion 76.00 (75.70 to 76.70): VN0

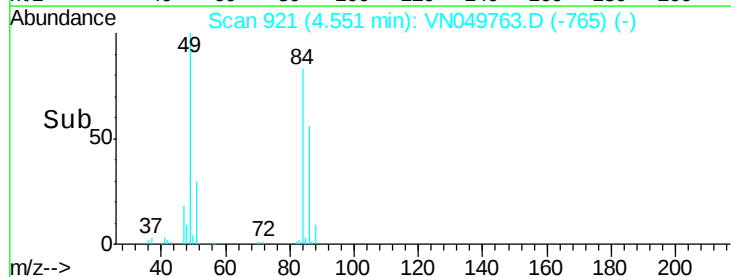
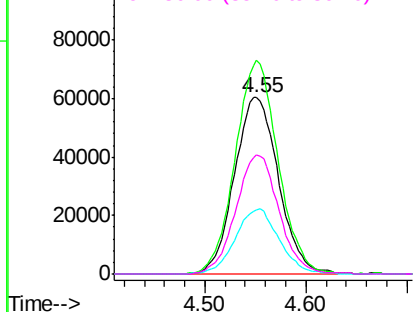


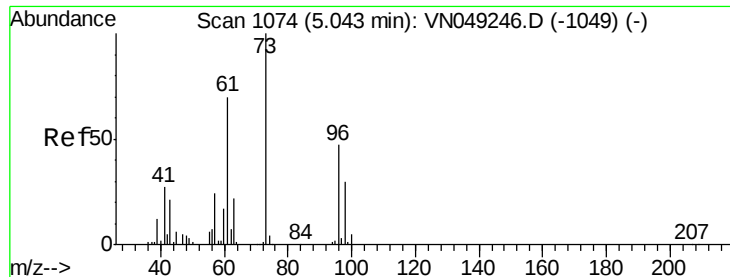
#18
 Methylene Chloride
 Concen: 10.281 ug/l
 RT: 4.55 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VN049763.D
 Acq: 11 Jul 2018 18:12

Tgt Ion: 84 Resp: 182798
 Ion Ratio Lower Upper
 84 100
 49 120.7 95.1 142.7
 51 36.1 28.8 43.2
 86 67.3 52.3 78.5



Abundance Ion 84.00 (83.70 to 84.70): VN0
 Ion 49.00 (48.70 to 49.70): VN0
 Ion 51.00 (50.70 to 51.70): VN0
 Ion 86.00 (85.70 to 86.70): VN0

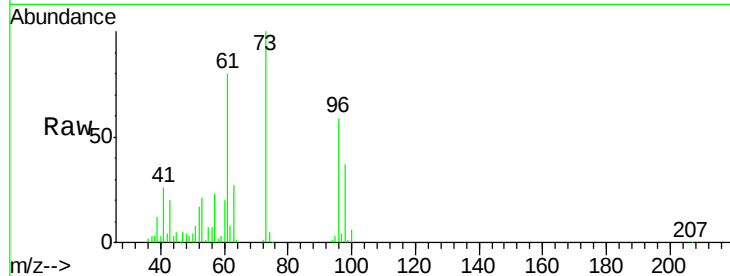




#19

trans-1,2-Dichloroethene
Concen: 10.112 ug/l
RT: 5.04 min Scan# 1072
Delta R.T. -0.01 min
Lab File: VN049763.D
Acq: 11 Jul 2018 18:12

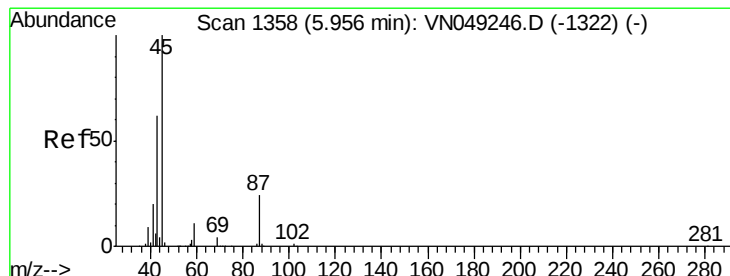
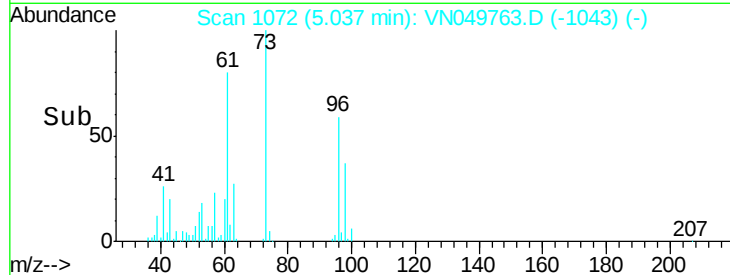
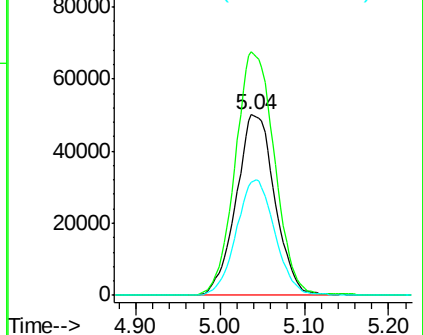
Tgt Ion	Ratio	Lower	Upper
96	100		
61	135.1	112.1	168.1
98	63.0	51.3	76.9



Abundance Ion 96.00 (95.70 to 96.70): VN049763.D (-1297) (-)

Ion 61.00 (60.70 to 61.70): VN049763.D (-1297) (-)

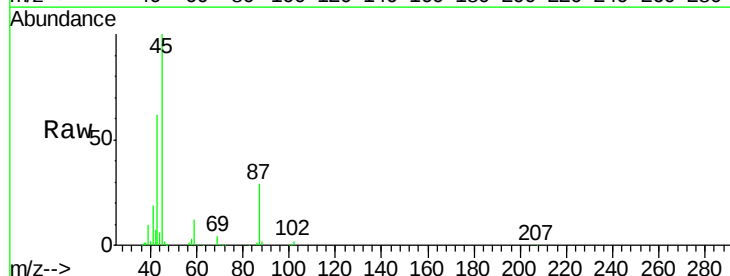
Ion 98.00 (97.70 to 98.70): VN049763.D (-1297) (-)



#20

Diisopropyl ether
Concen: 10.061 ug/l
RT: 5.96 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VN049763.D
Acq: 11 Jul 2018 18:12

Tgt Ion	Ratio	Lower	Upper
45	100		
43	60.4	46.6	70.0
87	28.8	22.3	33.5
59	12.0	9.5	14.3

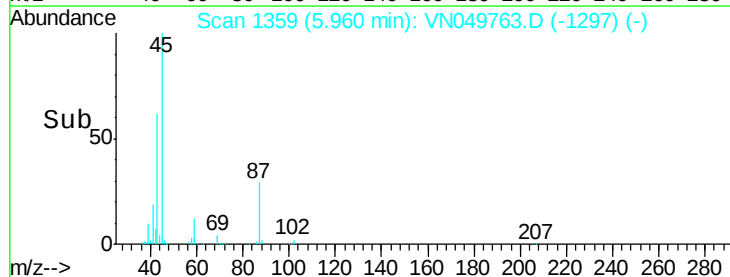
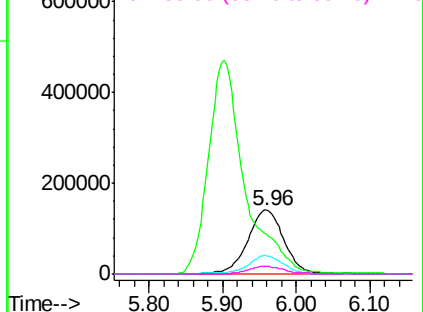


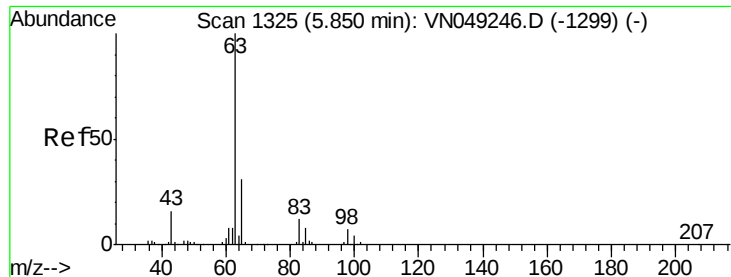
Abundance Ion 45.00 (44.70 to 45.70): VN049763.D (-1297) (-)

Ion 43.00 (42.70 to 43.70): VN049763.D (-1297) (-)

Ion 87.00 (86.70 to 87.70): VN049763.D (-1297) (-)

Ion 59.00 (58.70 to 59.70): VN049763.D (-1297) (-)





#21

1,1-Dichloroethane

Concen: 10.158 ug/l

RT: 5.85 min Scan# 1326

Delta R.T. 0.00 min

Lab File: VN049763.D

Acq: 11 Jul 2018 18:12

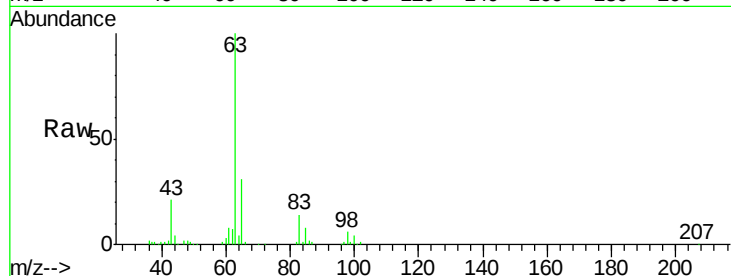
Tgt Ion: 63 Resp: 297830

Ion Ratio Lower Upper

63 100

98 6.2 3.5 10.6

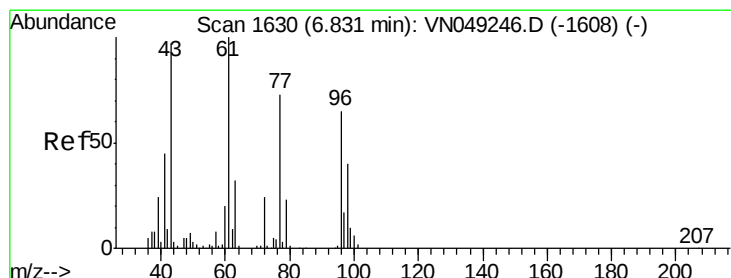
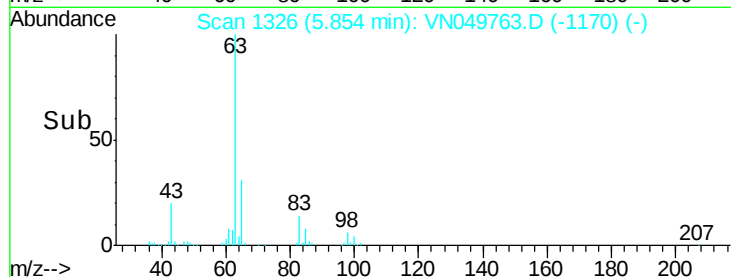
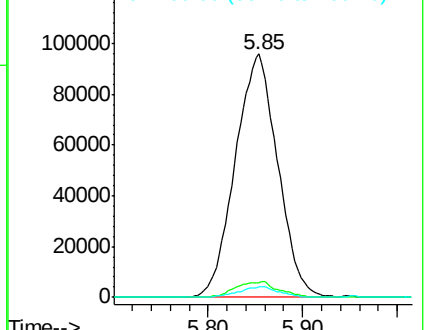
100 4.1 2.3 6.8



Abundance Ion 63.00 (62.70 to 63.70): VN049763.D (-1170) (-)

Ion 98.00 (97.70 to 98.70): VN049763.D (-1170) (-)

Ion 100.00 (99.70 to 100.70): VN049763.D (-1170) (-)



#22

cis-1,2-Dichloroethene

Concen: 9.932 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VN049763.D

Acq: 11 Jul 2018 18:12

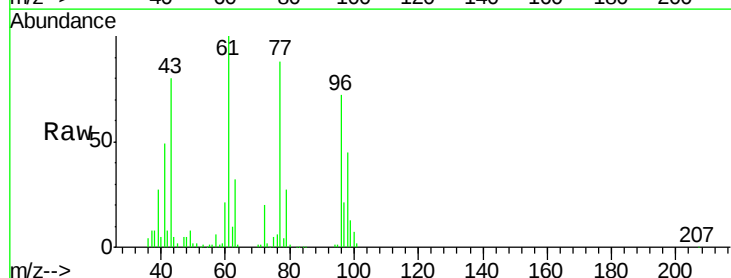
Tgt Ion: 96 Resp: 175046

Ion Ratio Lower Upper

96 100

61 142.3 114.2 171.2

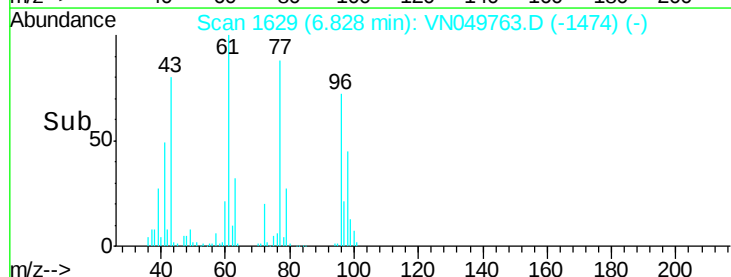
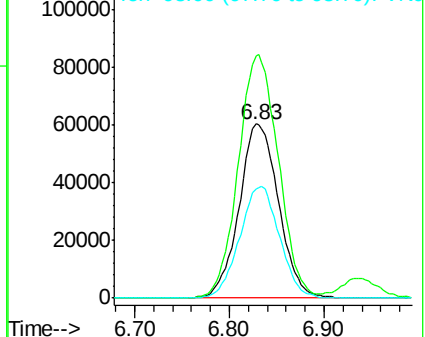
98 64.8 51.7 77.5

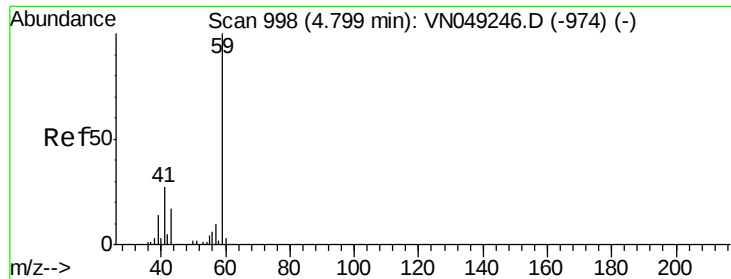


Abundance Ion 96.00 (95.70 to 96.70): VN049763.D (-1474) (-)

Ion 61.00 (60.70 to 61.70): VN049763.D (-1474) (-)

Ion 98.00 (97.70 to 98.70): VN049763.D (-1474) (-)





#23

tert-Butyl Alcohol

Concen: 25.011 ug/l

RT: 4.80 min Scan# 998

Delta R.T. -0.01 min

Lab File: VN049763.D

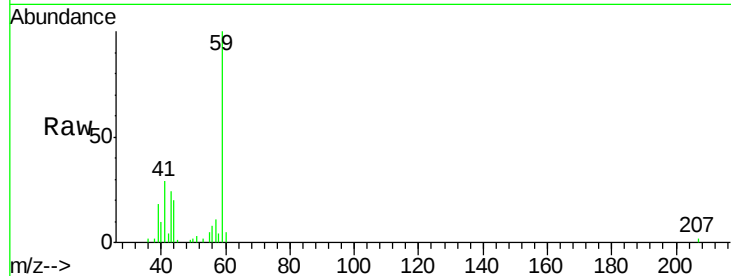
Acq: 11 Jul 2018 18:12

Tgt Ion: 59 Resp: 27522

Ion Ratio Lower Upper

59 100

52 0.3 0.1 0.1#



Abundance Ion 59.00 (58.70 to 59.70): VN049763.D (-921) (-)

Ion 52.00 (51.70 to 52.70): VN049763.D (-921) (-)

15000

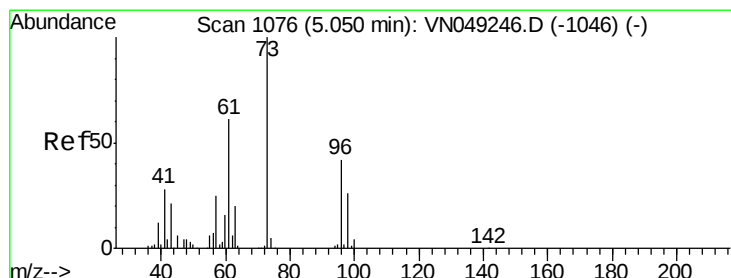
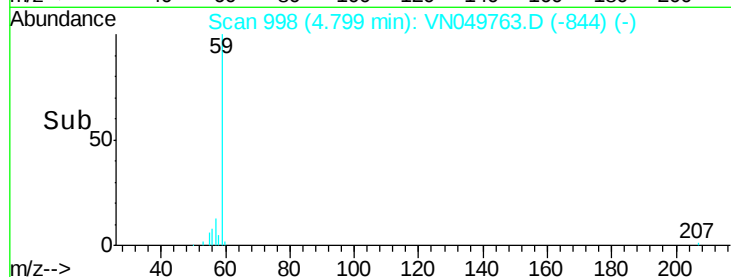
10000

5000

0

4.70 4.75 4.80

Time-->



#24

Methyl tert-Butyl Ether

Concen: 9.574 ug/l

RT: 5.05 min Scan# 1077

Delta R.T. 0.00 min

Lab File: VN049763.D

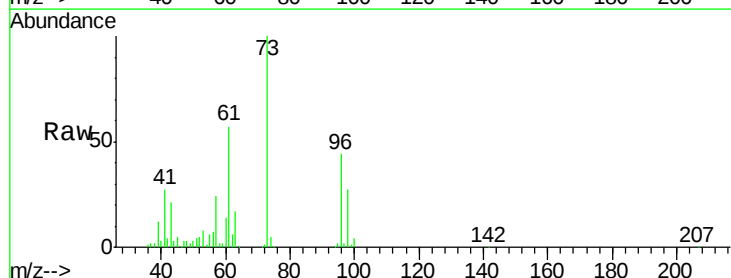
Acq: 11 Jul 2018 18:12

Tgt Ion: 73 Resp: 381667

Ion Ratio Lower Upper

73 100

43 20.3 15.5 23.3



Abundance Ion 73.00 (72.70 to 73.70): VN049763.D (-921) (-)

Ion 43.00 (42.70 to 43.70): VN049763.D (-921) (-)

120000

100000

80000

60000

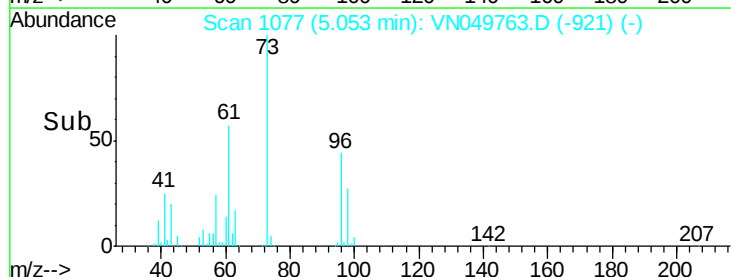
40000

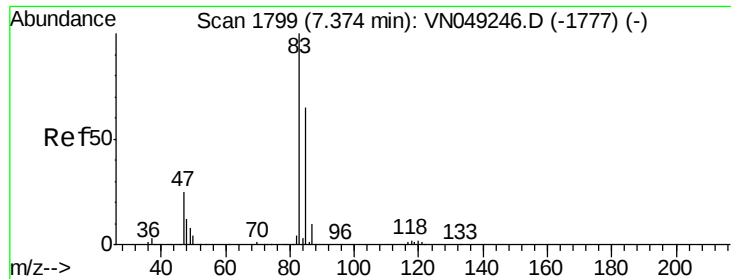
20000

0

4.90 5.00 5.10 5.20

Time-->





#25

Chloroform

Concen: 10.342 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN049763.D

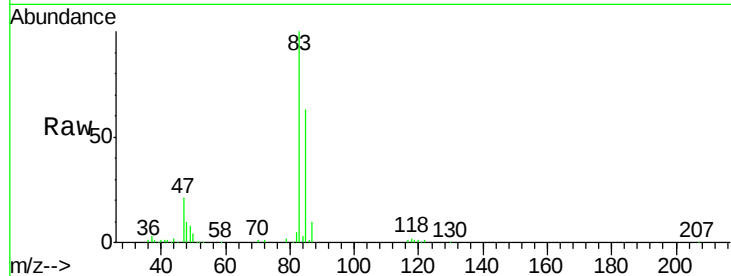
Acq: 11 Jul 2018 18:12

Tgt Ion: 83 Resp: 306162

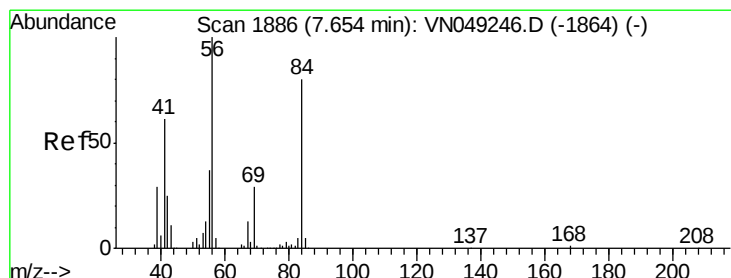
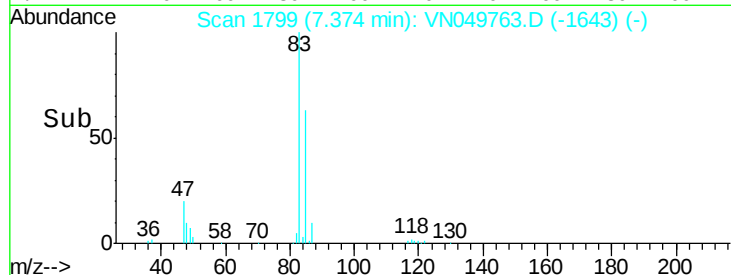
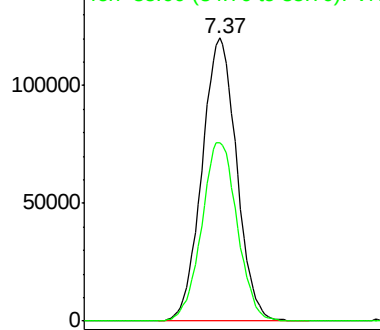
Ion Ratio Lower Upper

83 100

85 63.1 52.1 78.1



Abundance Ion 83.00 (82.70 to 83.70): VNO
Ion 85.00 (84.70 to 85.70): VNO



#26

Cyclohexane

Concen: 9.418 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VN049763.D

Acq: 11 Jul 2018 18:12

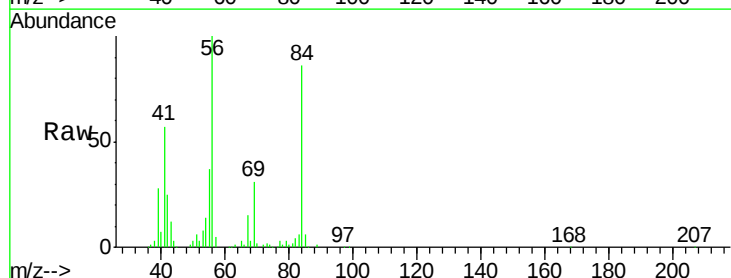
Tgt Ion: 56 Resp: 233171

Ion Ratio Lower Upper

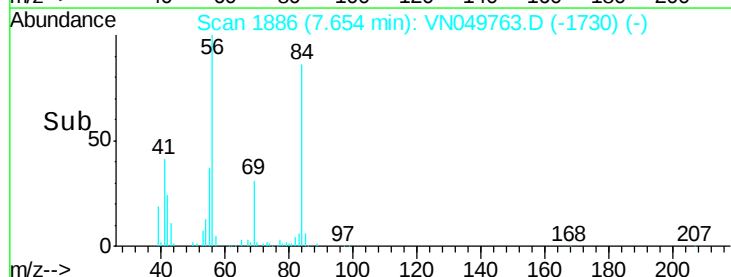
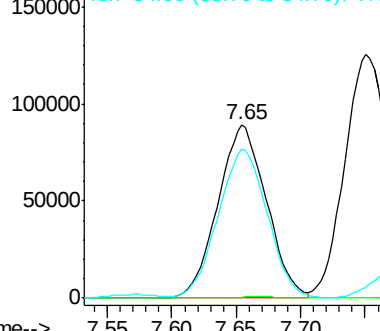
56 100

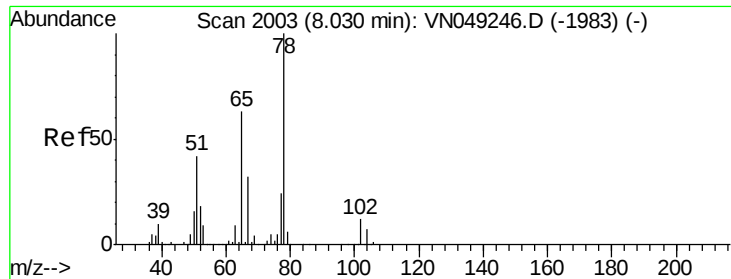
89 0.7 3.0 4.4#

84 87.7 69.8 104.8



Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 89.00 (88.70 to 89.70): VNO
Ion 84.00 (83.70 to 84.70): VNO





#27

1,2-Dichloroethane-d4

Concen: 30.966 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049763.D

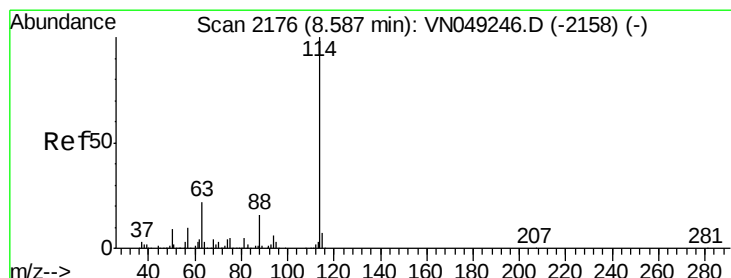
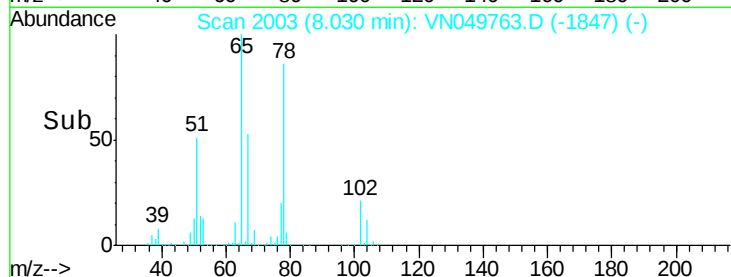
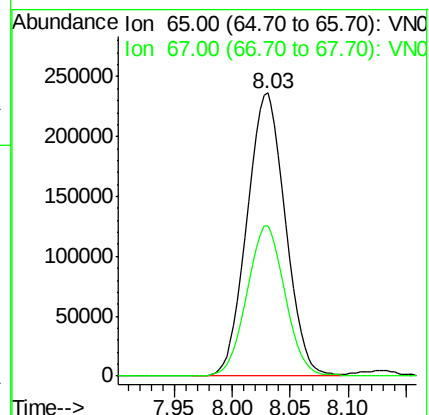
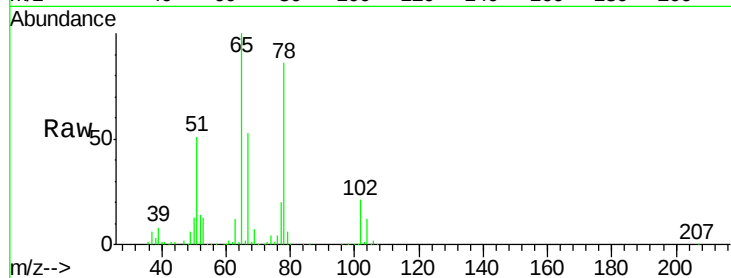
Acq: 11 Jul 2018 18:12

Tgt Ion: 65 Resp: 546463

Ion Ratio Lower Upper

65 100

67 52.8 42.7 64.1



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049763.D

Acq: 11 Jul 2018 18:12

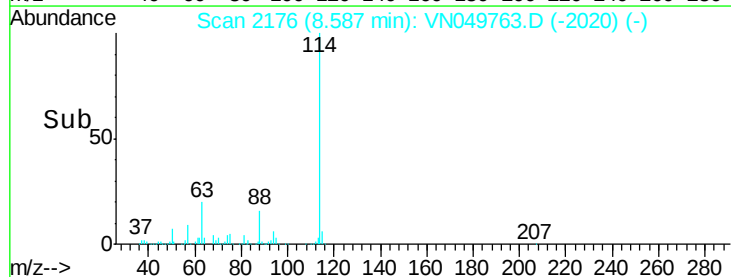
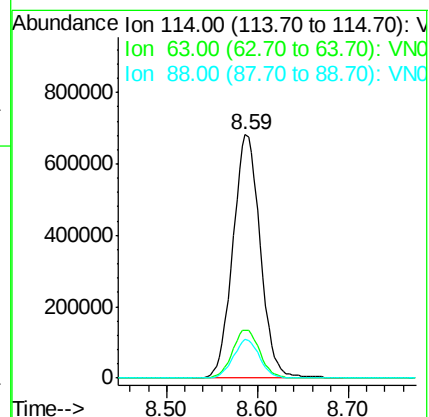
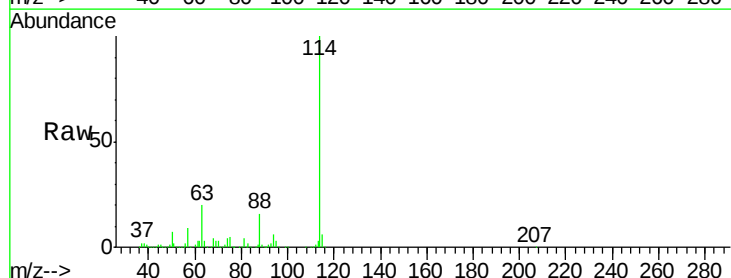
Tgt Ion: 114 Resp: 1426008

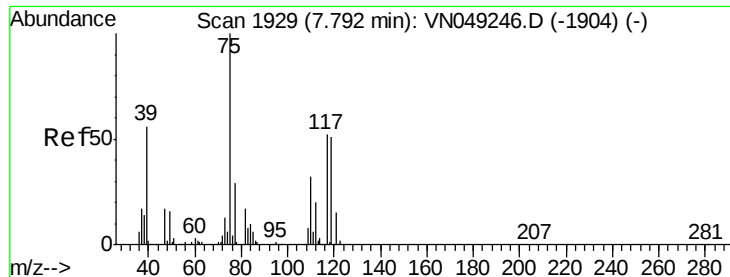
Ion Ratio Lower Upper

114 100

63 19.7 16.2 24.2

88 15.3 12.3 18.5





#29

1,1-Dichloropropene

Concen: 9.632 ug/l

RT: 7.80 min Scan# 1930

Delta R.T. 0.00 min

Lab File: VN049763.D

Acq: 11 Jul 2018 18:12

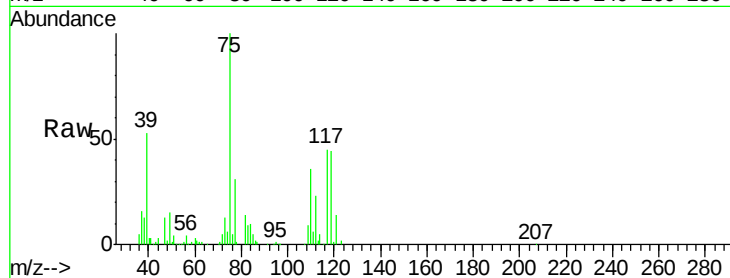
Tgt Ion: 75 Resp: 218608

Ion Ratio Lower Upper

75 100

110 36.0 0.0 73.2

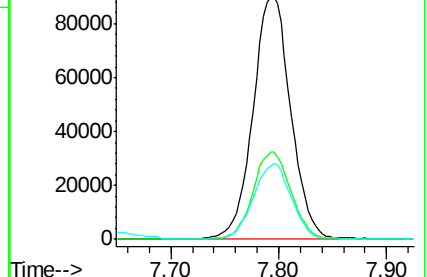
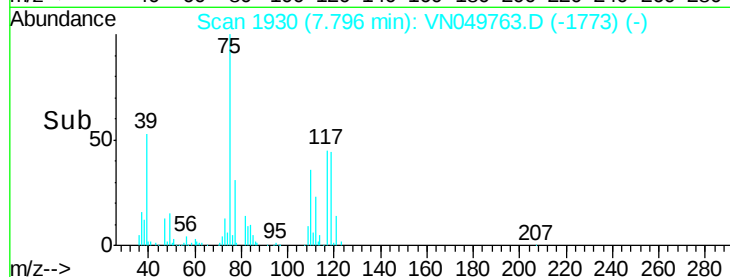
77 30.9 0.0 62.0



Abundance Ion 75.00 (74.70 to 75.70): VN049763.D (-1773) (-)

Ion 110.00 (109.70 to 110.70): VN049763.D (-1773) (-)

Ion 77.00 (76.70 to 77.70): VN049763.D (-1773) (-)



#30

2-Butanone

Concen: 45.948 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VN049763.D

Acq: 11 Jul 2018 18:12

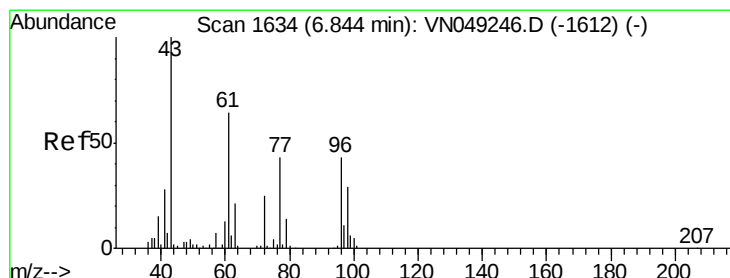
Tgt Ion: 43 Resp: 290480

Ion Ratio Lower Upper

43 100

57 8.3 6.8 10.2

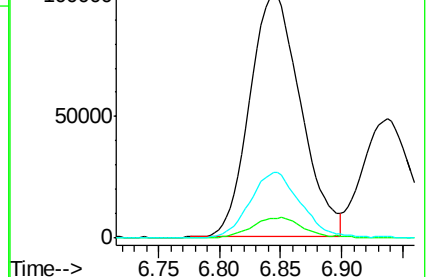
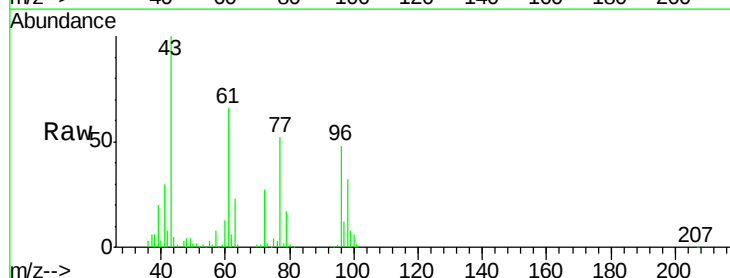
72 27.2 21.4 32.0

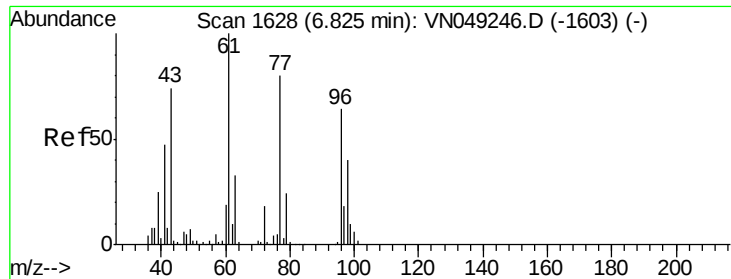


Abundance Ion 43.00 (42.70 to 43.70): VN049763.D (-1479) (-)

Ion 57.00 (56.70 to 57.70): VN049763.D (-1479) (-)

Ion 72.00 (71.70 to 72.70): VN049763.D (-1479) (-)





#31

2,2-Dichloropropane

Concen: 9.474 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VN049763.D

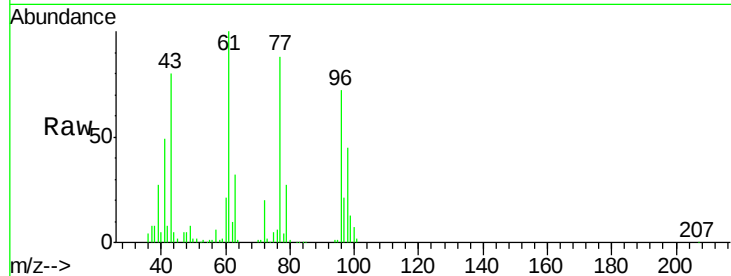
Acq: 11 Jul 2018 18:12

Tgt Ion: 77 Resp: 230516

Ion Ratio Lower Upper

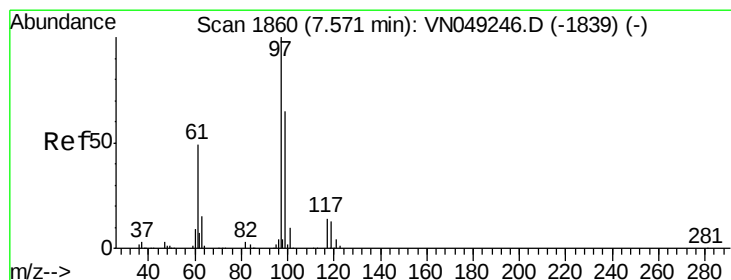
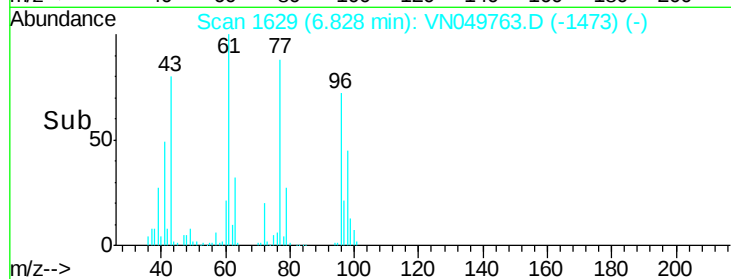
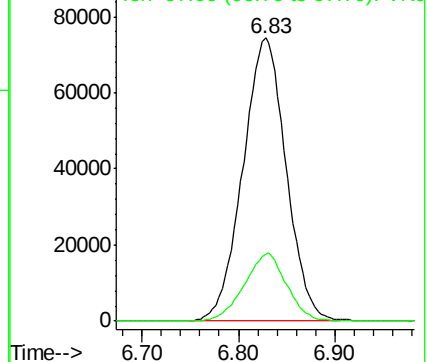
77 100

97 23.5 18.9 28.3



Abundance Ion 77.00 (76.70 to 77.70): VN0

Ion 97.00 (96.70 to 97.70): VN0



#32

1,1,1-Trichloroethane

Concen: 9.934 ug/l

RT: 7.57 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VN049763.D

Acq: 11 Jul 2018 18:12

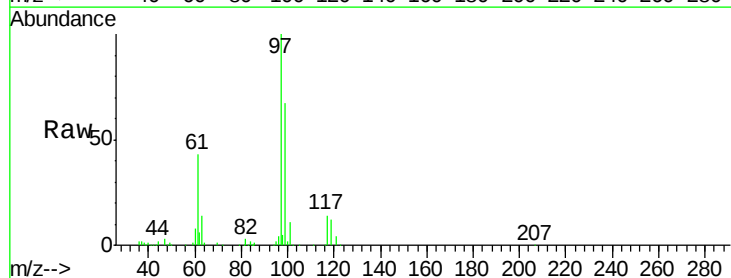
Tgt Ion: 97 Resp: 259119

Ion Ratio Lower Upper

97 100

99 65.9 51.2 76.8

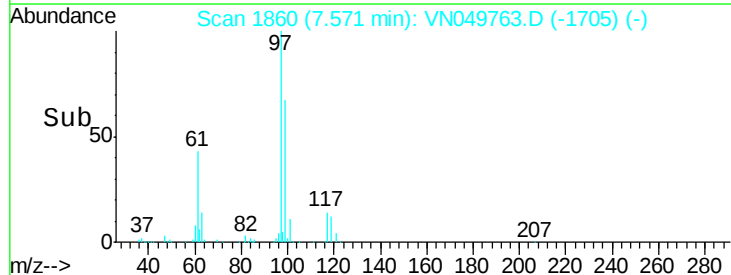
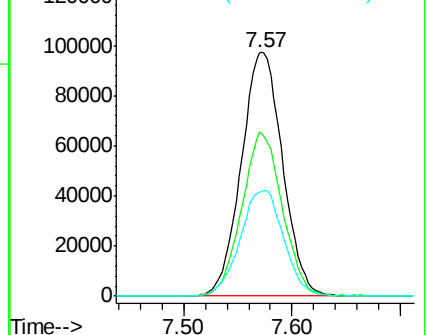
61 45.2 35.3 52.9

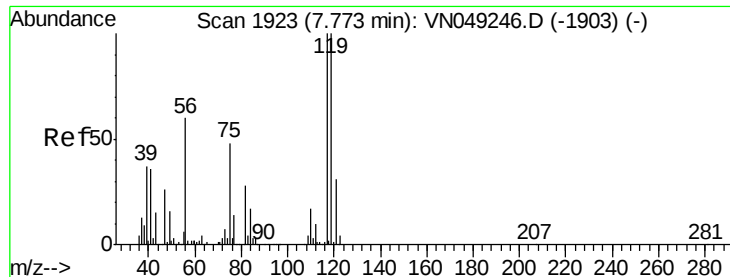


Abundance Ion 97.00 (96.70 to 97.70): VN0

Ion 99.00 (98.70 to 99.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#33

Carbon Tetrachloride

Concen: 9.855 ug/l

RT: 7.78 min Scan# 1924

Delta R.T. 0.00 min

Lab File: VN049763.D

Acq: 11 Jul 2018 18:12

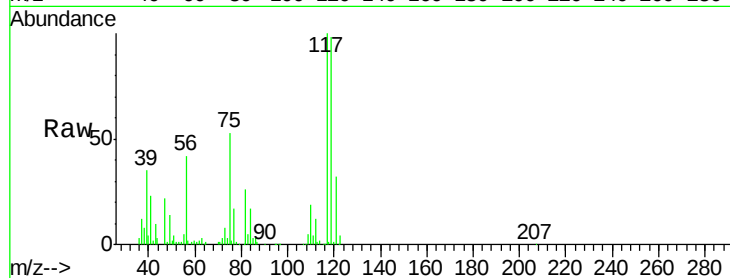
Tgt Ion: 117 Resp: 227875

Ion Ratio Lower Upper

117 100

119 98.4 76.9 115.3

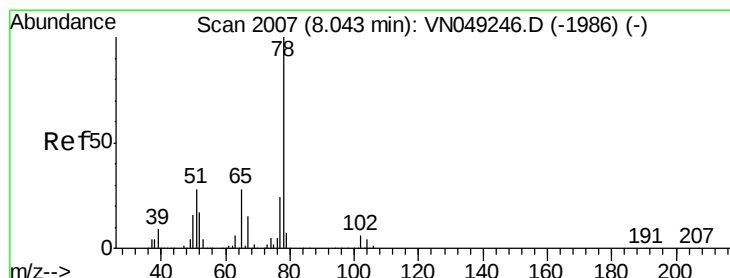
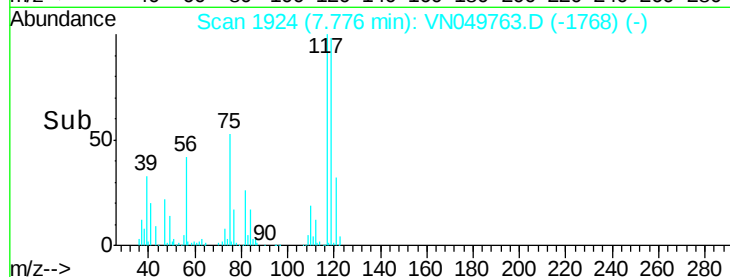
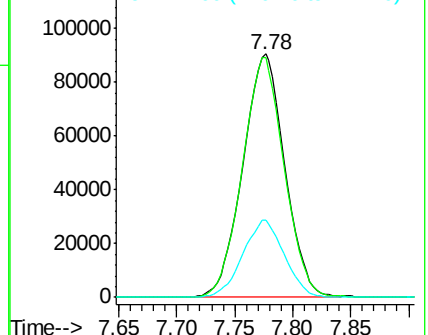
121 31.8 24.4 36.6



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: 9.878 ug/l

RT: 8.04 min Scan# 2007

Delta R.T. 0.00 min

Lab File: VN049763.D

Acq: 11 Jul 2018 18:12

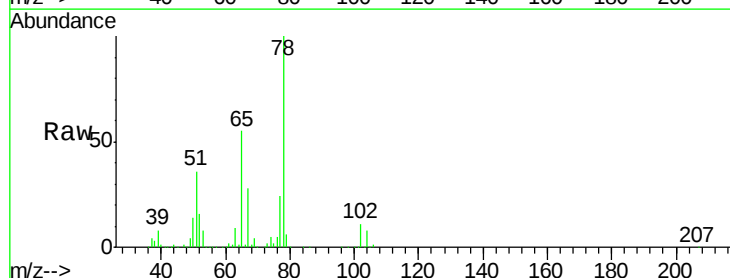
Tgt Ion: 78 Resp: 672235

Ion Ratio Lower Upper

78 100

77 24.3 19.1 28.7

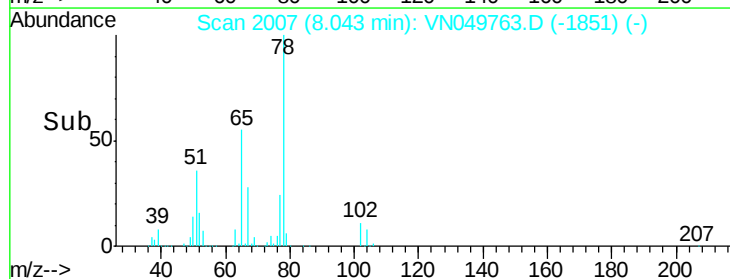
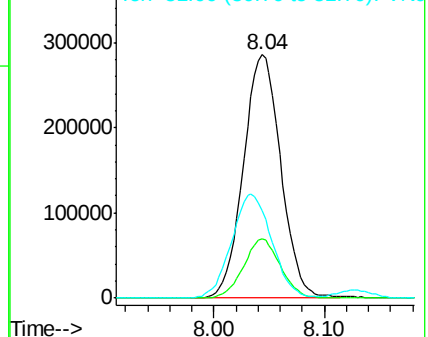
51 35.8 21.0 31.4#

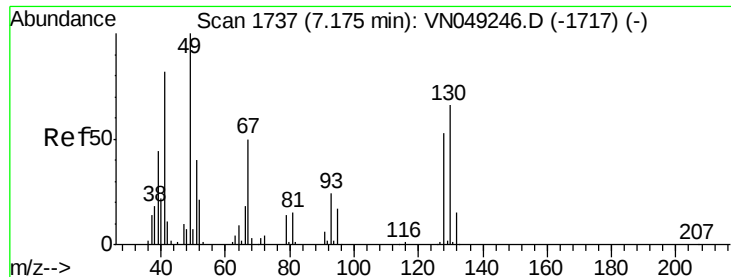


Abundance Ion 78.10 (77.80 to 78.80): V

Ion 77.00 (76.70 to 77.70): V

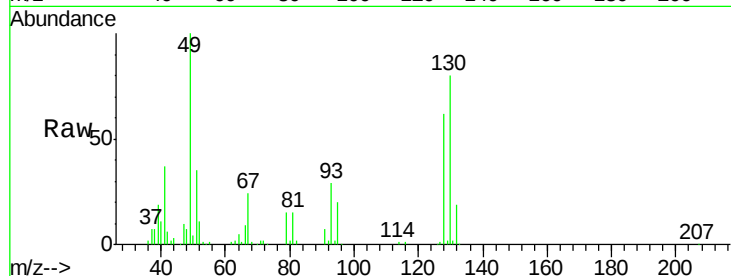
Ion 51.00 (50.70 to 51.70): V





#35
Methacrylonitrile
Concen: 9.220 ug/l
RT: 7.18 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN049763.D
Acq: 11 Jul 2018 18:12

Tgt Ion:	41	Resp:	66576
Ion	Ratio	Lower	Upper
41	100		
39	52.6	27.6	82.7
67	65.0	35.1	105.5
52	28.8	14.1	42.4

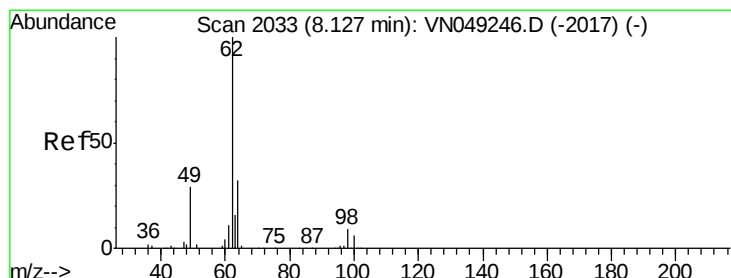
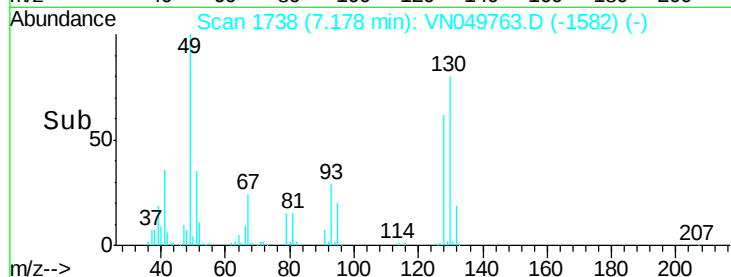
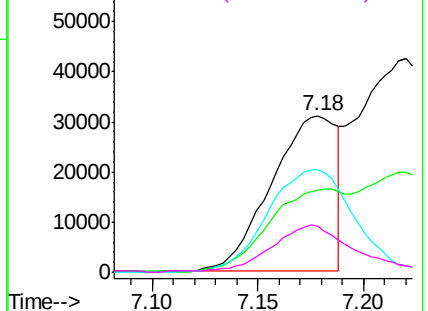


Abundance Ion 41.00 (40.70 to 41.70): VN049246.D (-1717) (-)

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

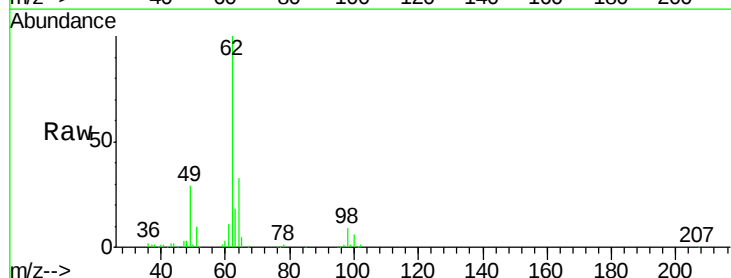
Ion 67.00 (66.70 to 67.70): VN049246.D (-1717) (-)

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



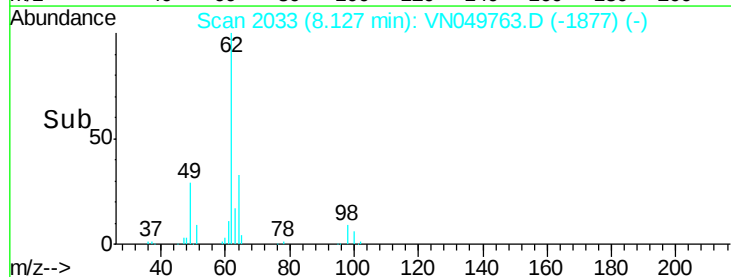
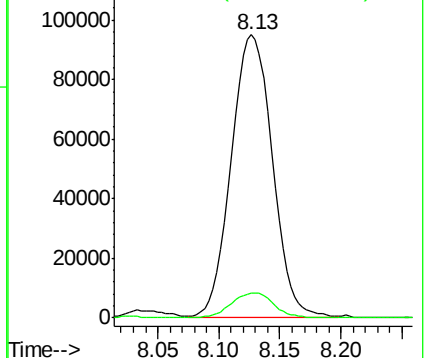
#36
1,2-Dichloroethane
Concen: 10.231 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN049763.D
Acq: 11 Jul 2018 18:12

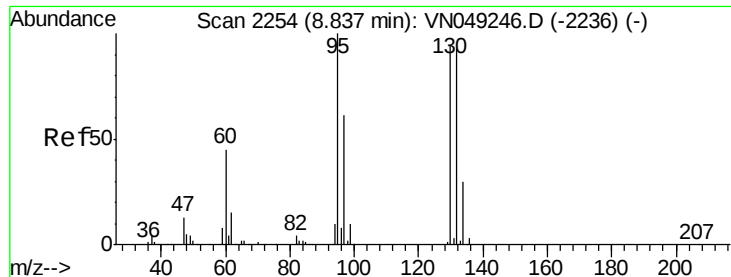
Tgt Ion:	62	Resp:	222247
Ion	Ratio	Lower	Upper
62	100		
98	9.2	7.8	11.6



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

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





#37

Trichloroethene

Concen: 10.178 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN049763.D

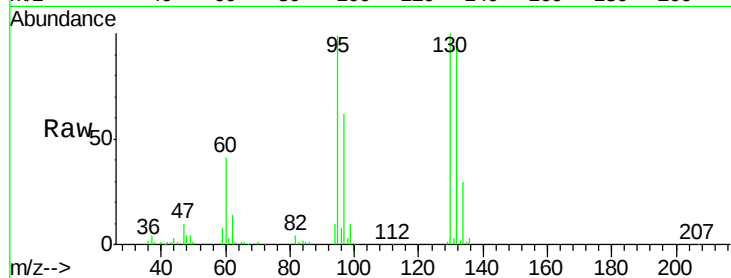
Acq: 11 Jul 2018 18:12

Tgt Ion: 130 Resp: 180482

Ion Ratio Lower Upper

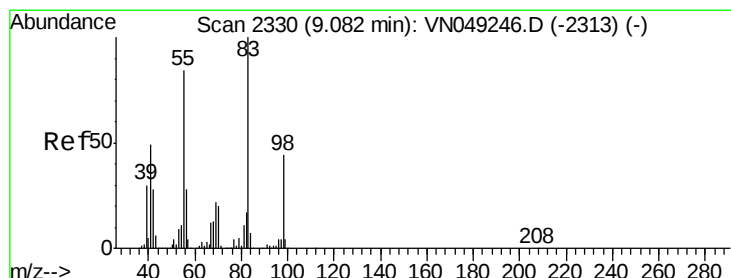
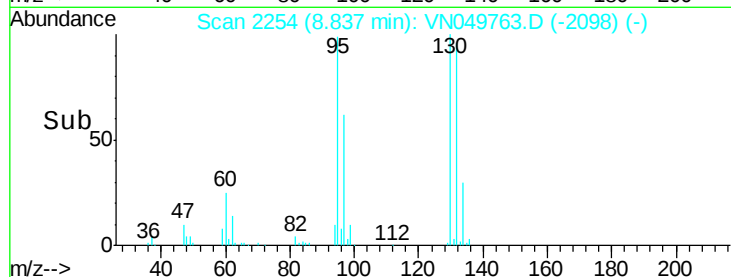
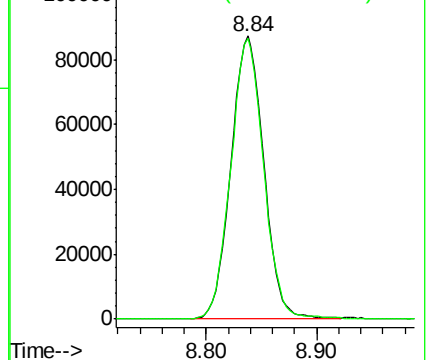
130 100

95 99.1 79.7 119.5



Abundance Ion 129.90 (129.60 to 130.60): VN0

Ion 94.90 (94.60 to 95.60): VN0



#38

Methylcyclohexane

Concen: 9.118 ug/l

RT: 9.08 min Scan# 2330

Delta R.T. 0.00 min

Lab File: VN049763.D

Acq: 11 Jul 2018 18:12

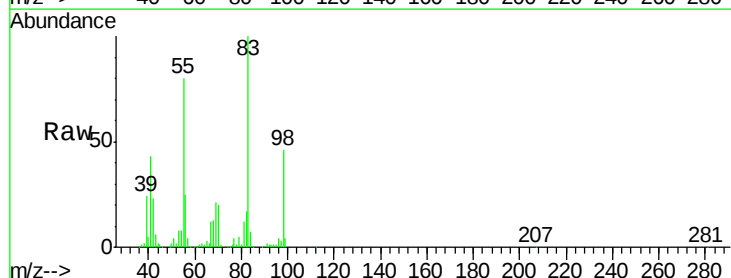
Tgt Ion: 83 Resp: 222942

Ion Ratio Lower Upper

83 100

55 80.3 39.3 117.8

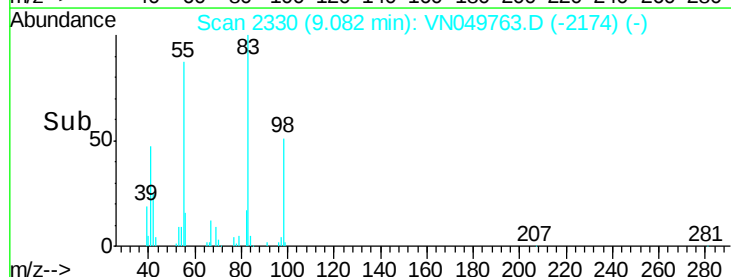
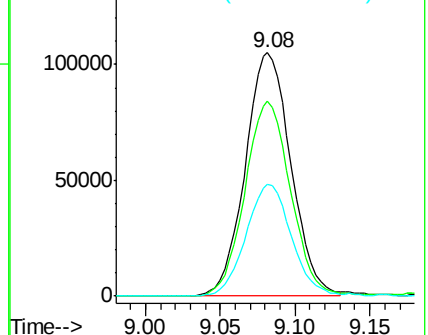
98 45.7 23.0 69.0

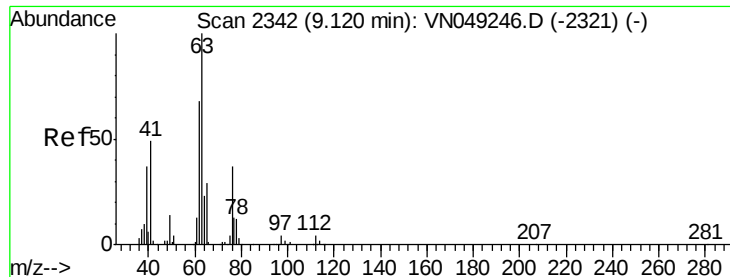


Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#39

1,2-Dichloropropane

Concen: 10.123 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. -0.00 min

Lab File: VN049763.D

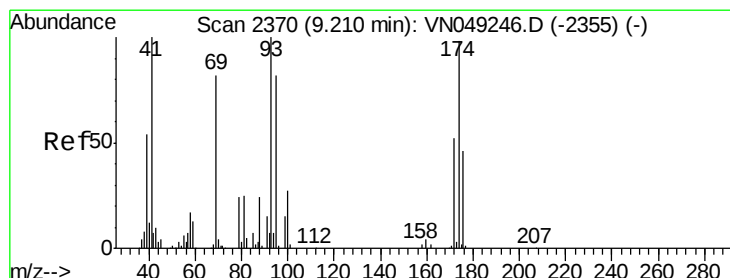
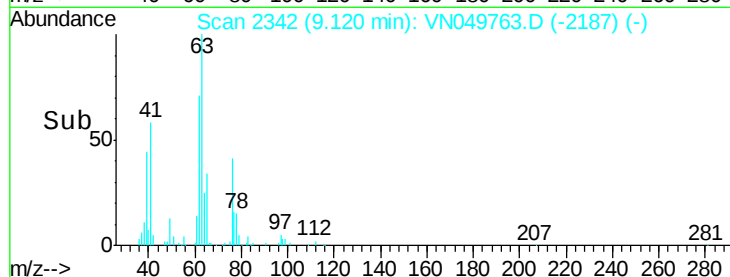
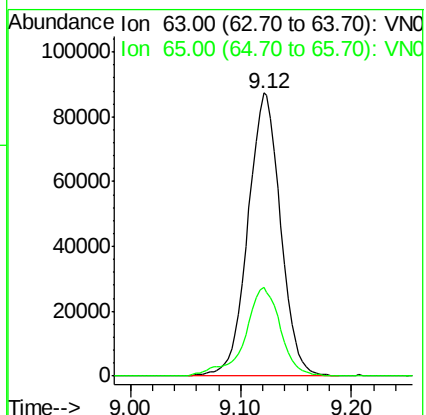
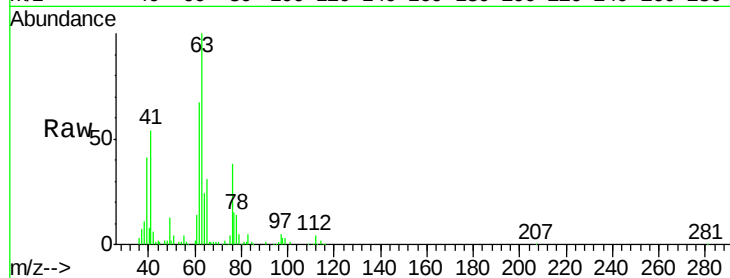
Acq: 11 Jul 2018 18:12

Tgt Ion: 63 Resp: 178852

Ion Ratio Lower Upper

63 100

65 31.0 24.2 36.2



#40

Dibromomethane

Concen: 10.016 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN049763.D

Acq: 11 Jul 2018 18:12

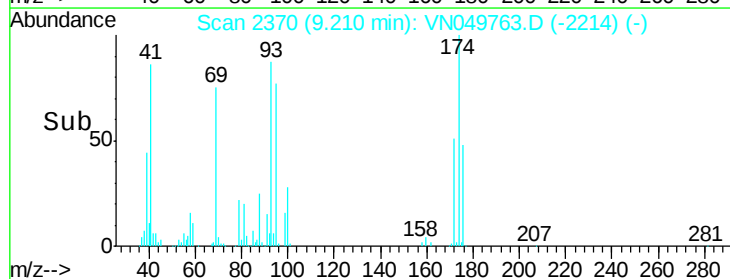
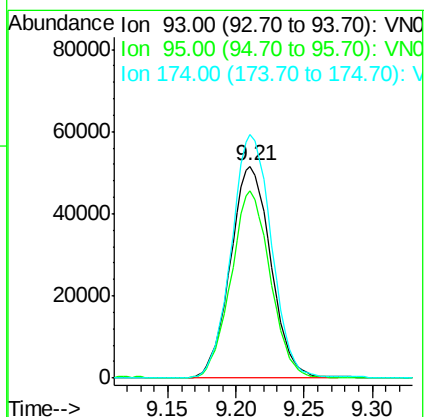
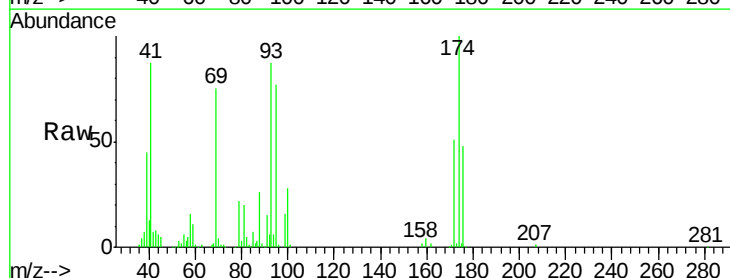
Tgt Ion: 93 Resp: 106416

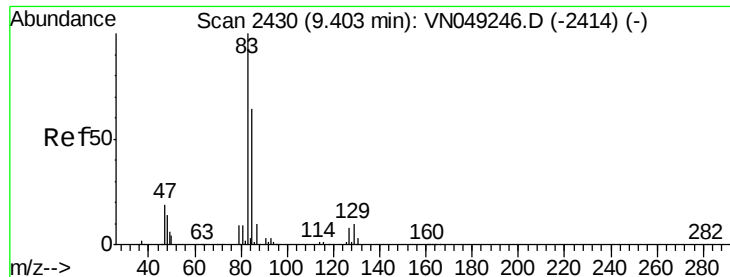
Ion Ratio Lower Upper

93 100

95 85.7 0.0 165.6

174 113.5 0.0 223.2





#41

Bromodichloromethane

Concen: 10.057 ug/l

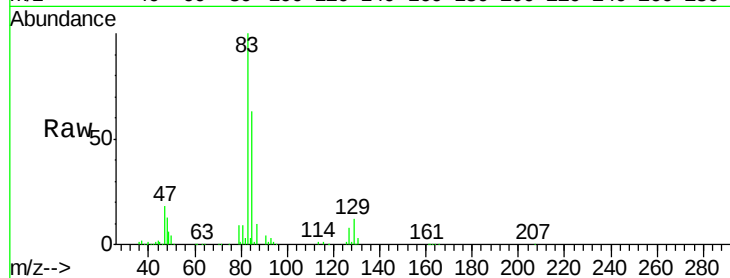
RT: 9.40 min Scan# 2430

Delta R.T. -0.00 min

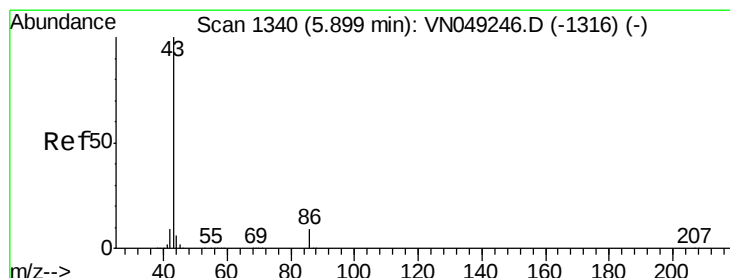
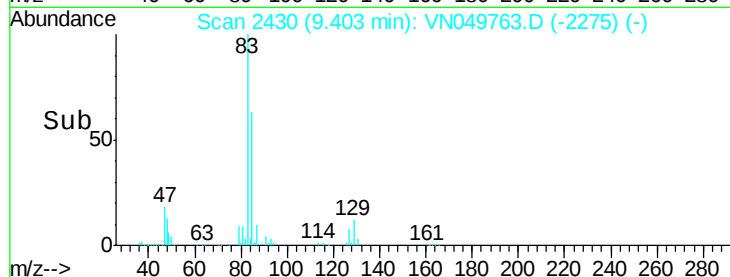
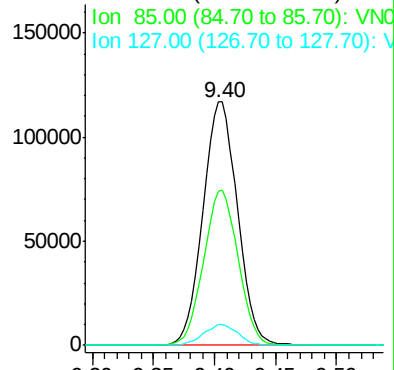
Lab File: VN049763.D

Acq: 11 Jul 2018 18:12

Tgt Ion:	83	Resp:	229804
Ion	Ratio	Lower	Upper
83	100		
85	63.3	52.6	78.8
127	8.5	7.0	10.4



Abundance Ion 83.00 (82.70 to 83.70): VN049763.D (-2275) (-)



#42

Vinyl Acetate

Concen: 47.984 ug/l

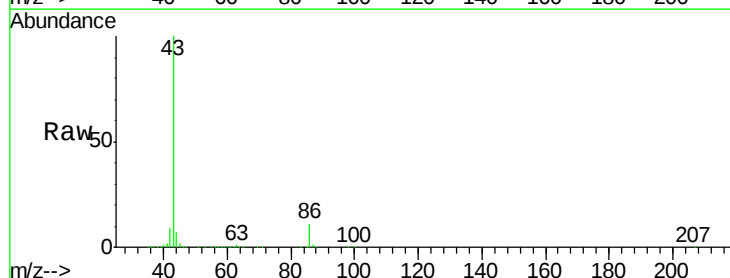
RT: 5.90 min Scan# 1341

Delta R.T. 0.00 min

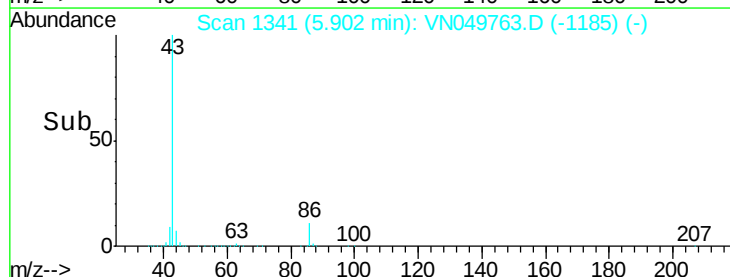
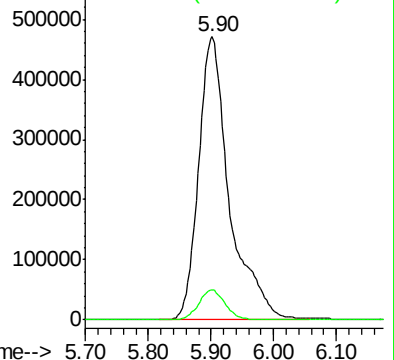
Lab File: VN049763.D

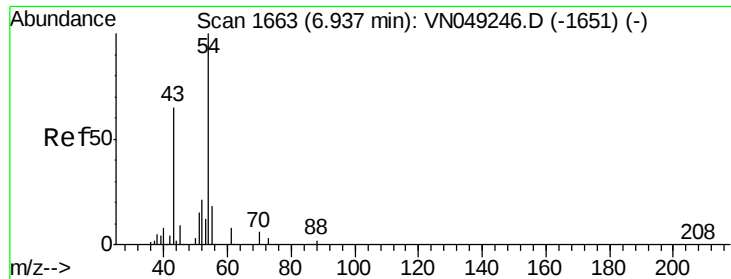
Acq: 11 Jul 2018 18:12

Tgt Ion:	43	Resp:	1609775
Ion	Ratio	Lower	Upper
43	100		
86	9.0	7.3	10.9



Abundance Ion 43.00 (42.70 to 43.70): VN049763.D (-1185) (-)





#43

Ethyl Acetate

Concen: 9.952 ug/l

RT: 6.94 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VN049763.D

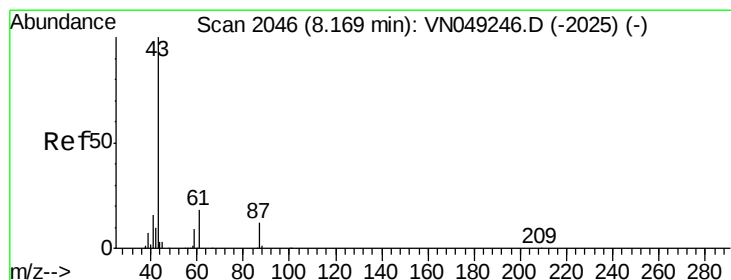
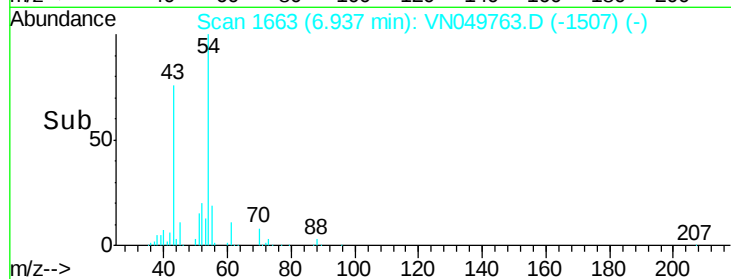
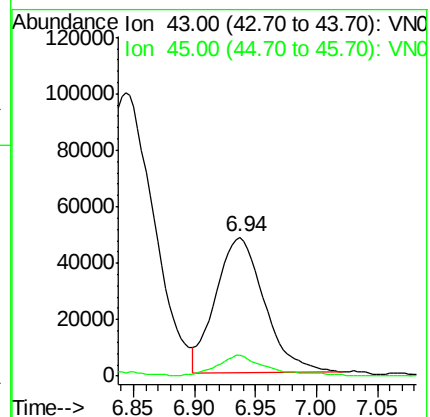
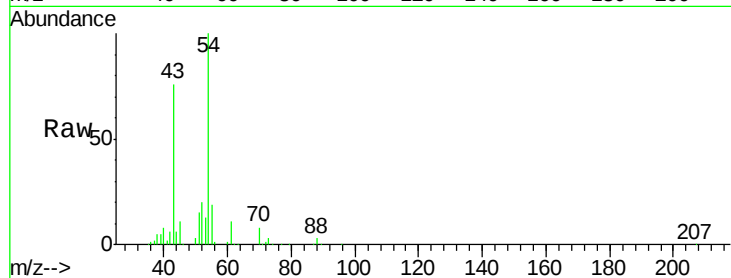
Acq: 11 Jul 2018 18:12

Tgt Ion: 43 Resp: 132852

Ion Ratio Lower Upper

43 100

45 14.0 13.0 19.6



#44

Isopropyl Acetate

Concen: 9.738 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN049763.D

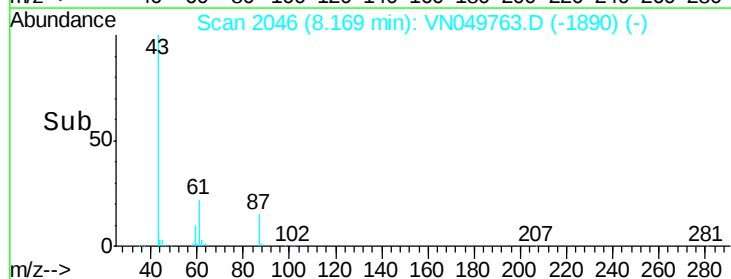
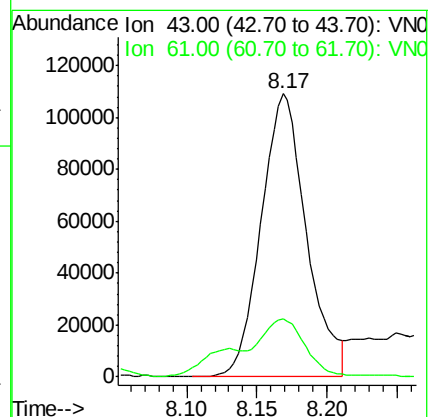
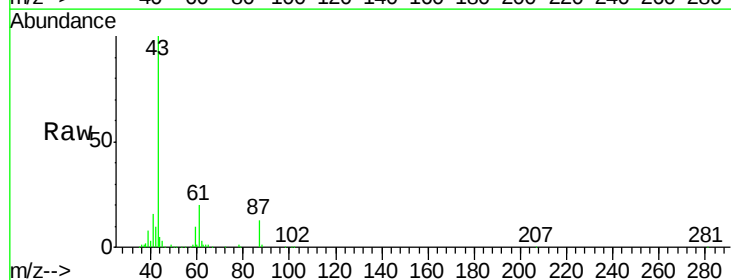
Acq: 11 Jul 2018 18:12

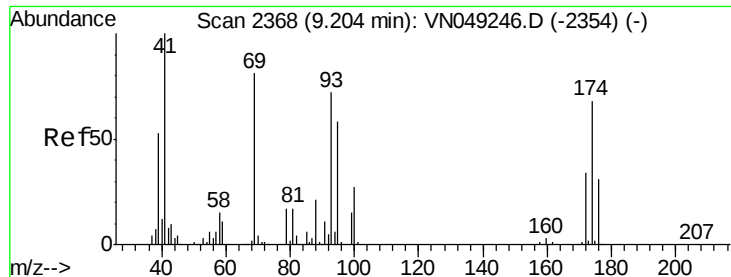
Tgt Ion: 43 Resp: 243054

Ion Ratio Lower Upper

43 100

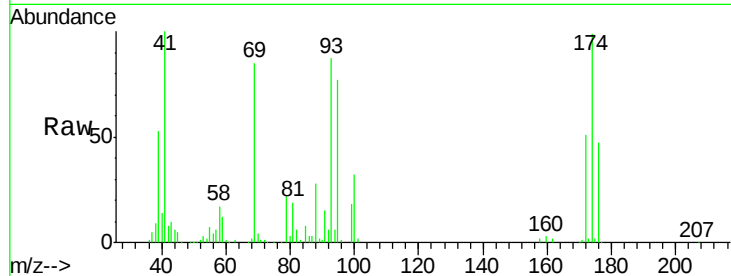
61 19.4 16.4 24.6



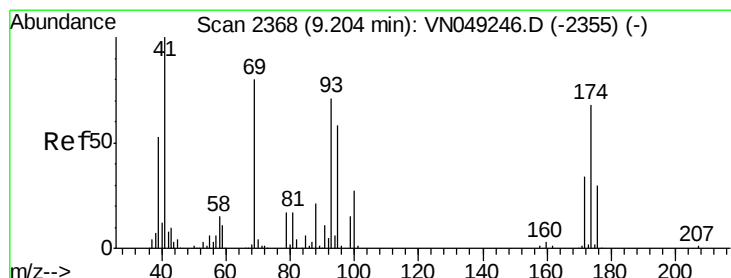
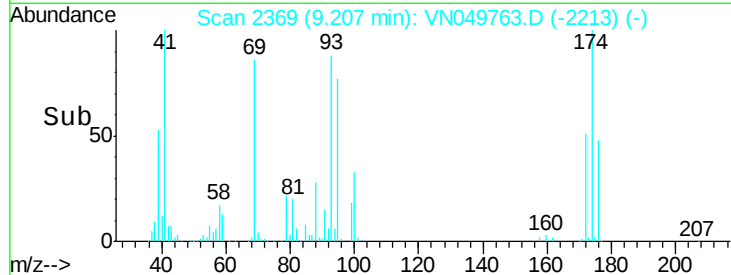
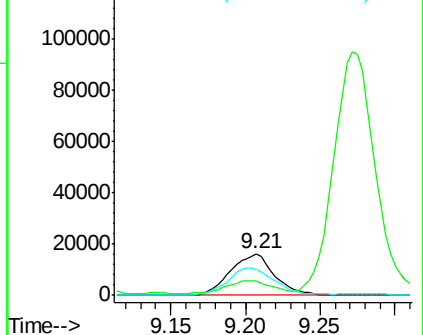


#45
1,4-Dioxane
Concen: 200.547 ug/l
RT: 9.21 min Scan# 2369
Delta R.T. 0.00 min
Lab File: VN049763.D
Acq: 11 Jul 2018 18:12

Tgt Ion: 88 Resp: 32956
Ion Ratio Lower Upper
88 100
43 25.6 26.9 40.3#
58 70.3 53.6 80.4

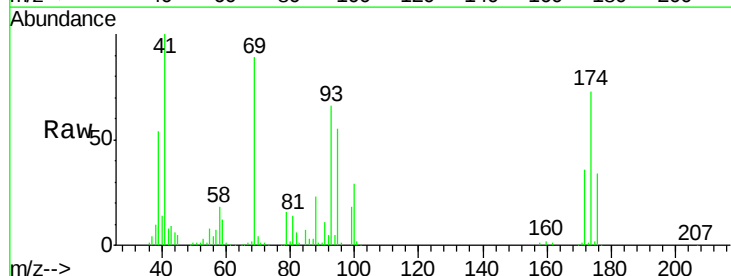


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

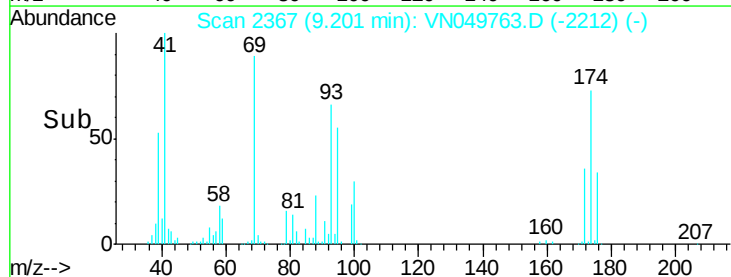
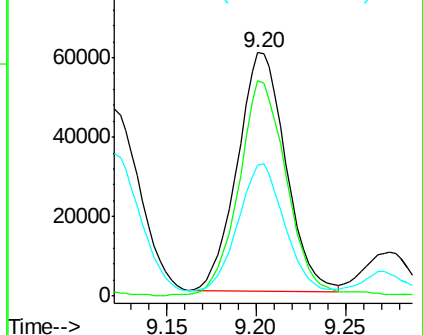


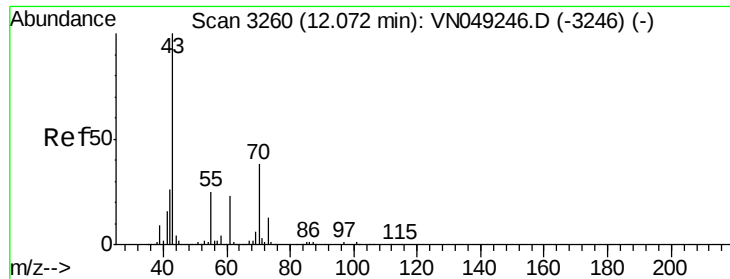
#46
Methyl methacrylate
Concen: 9.073 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN049763.D
Acq: 11 Jul 2018 18:12

Tgt Ion: 41 Resp: 113556
Ion Ratio Lower Upper
41 100
69 90.1 44.0 132.1
39 52.8 27.0 80.8



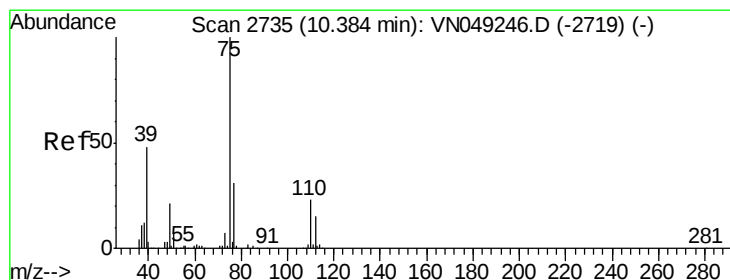
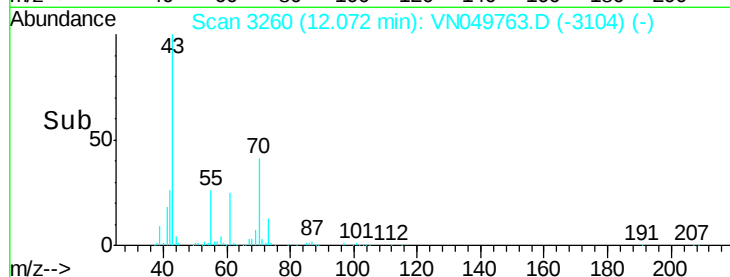
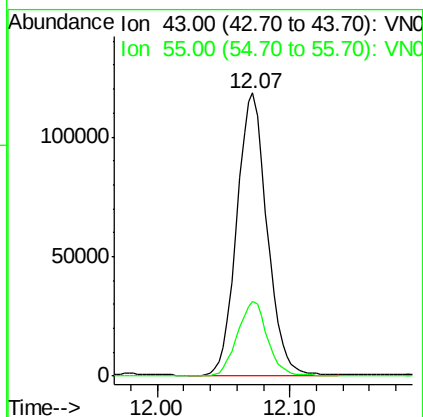
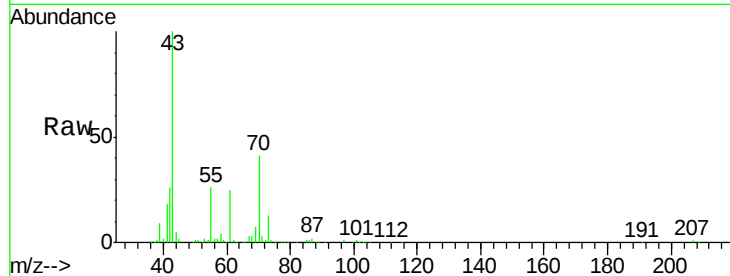
Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0





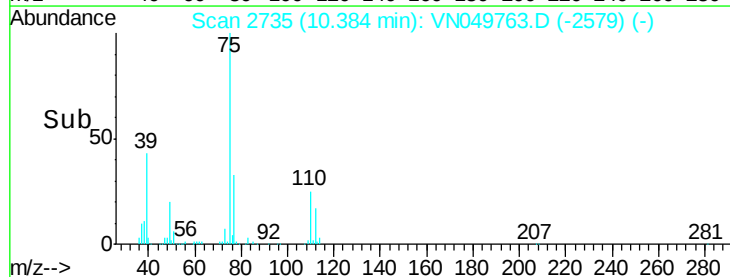
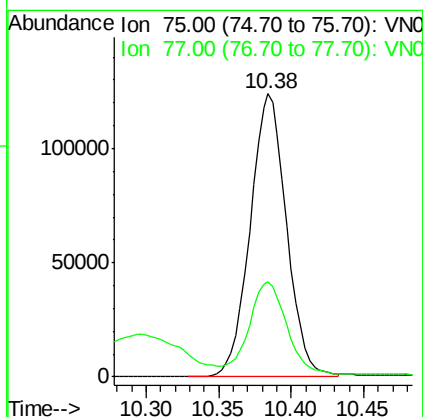
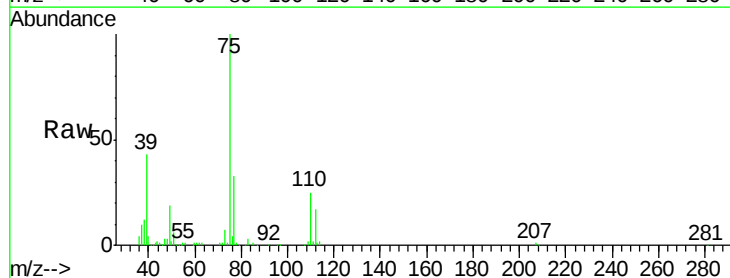
#47
n-amyl Acetate
Concen: 8.866 ug/l
RT: 12.07 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN049763.D
Acq: 11 Jul 2018 18:12

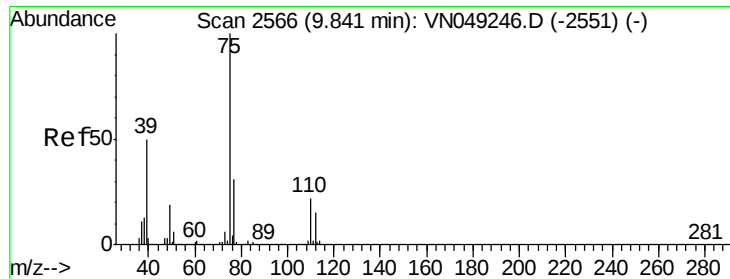
Tgt Ion: 43 Resp: 186402
Ion Ratio Lower Upper
43 100
55 26.5 21.0 31.4



#48
t-1,3-Dichloropropene
Concen: 9.347 ug/l
RT: 10.38 min Scan# 2735
Delta R.T. 0.00 min
Lab File: VN049763.D
Acq: 11 Jul 2018 18:12

Tgt Ion: 75 Resp: 215211
Ion Ratio Lower Upper
75 100
77 32.4 24.6 37.0

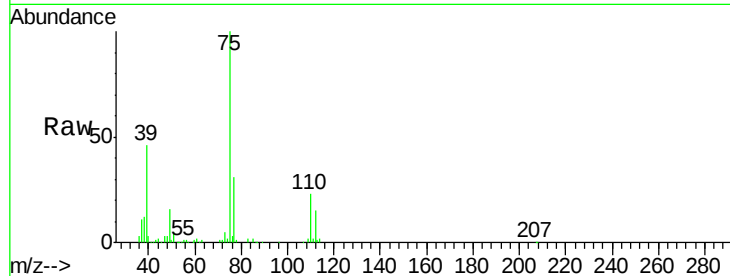




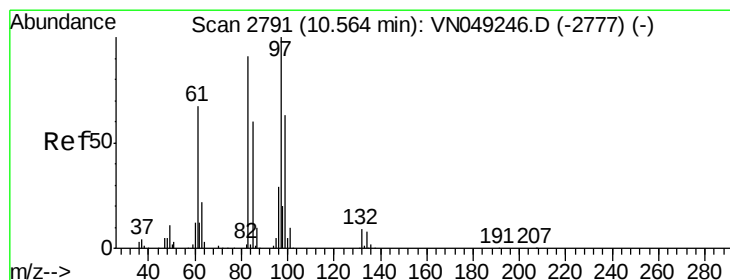
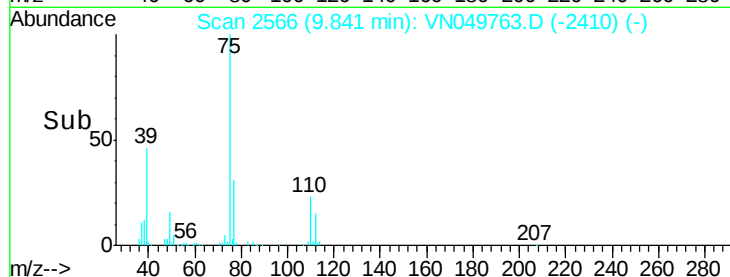
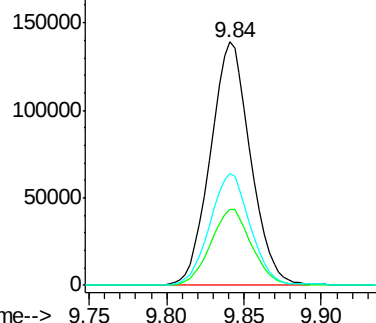
#49

cis-1,3-Dichloropropene
Concen: 9.453 ug/l
RT: 9.84 min Scan# 2566
Delta R.T. 0.00 min
Lab File: VN049763.D
Acq: 11 Jul 2018 18:12

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.7	38.5
39	45.9	36.3	54.5



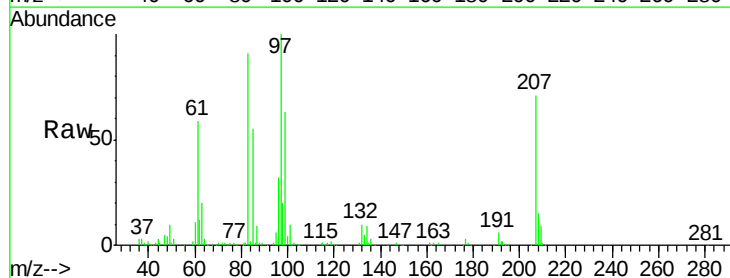
Abundance Ion 75.00 (74.70 to 75.70): VNO
Ion 77.00 (76.70 to 77.70): VNO
Ion 39.00 (38.70 to 39.70): VNO



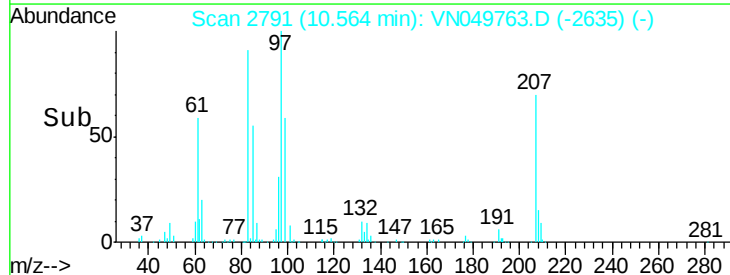
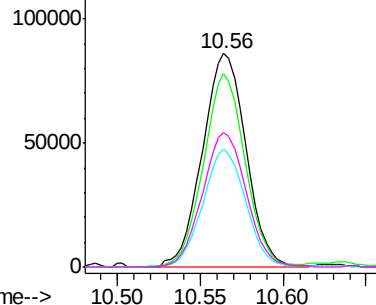
#50

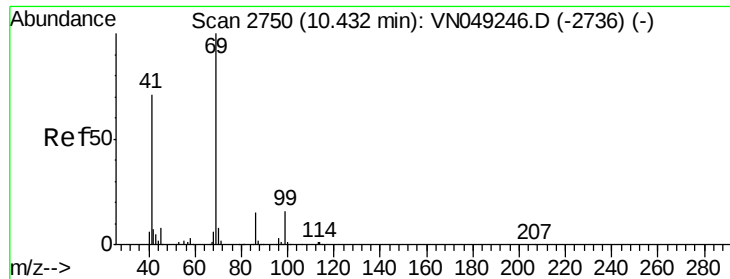
1,1,2-Trichloroethane
Concen: 10.174 ug/l
RT: 10.56 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN049763.D
Acq: 11 Jul 2018 18:12

Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.2	68.1	102.1
85	54.5	45.4	68.2
99	62.9	49.4	74.0



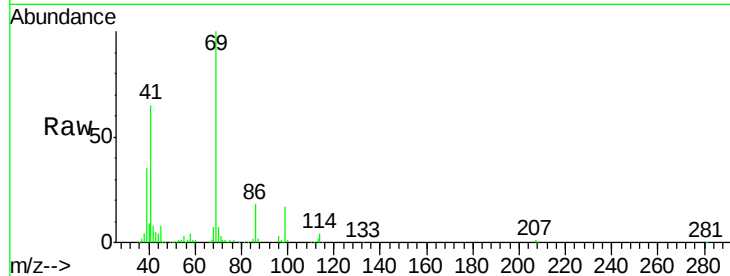
Abundance Ion 97.00 (96.70 to 97.70): VNO
Ion 82.95 (82.65 to 83.65): VNO
Ion 84.95 (84.65 to 85.65): VNO
Ion 98.95 (98.65 to 99.65): VNO





#51
 Ethyl methacrylate
 Concen: 9.103 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN049763.D
 Acq: 11 Jul 2018 18:12

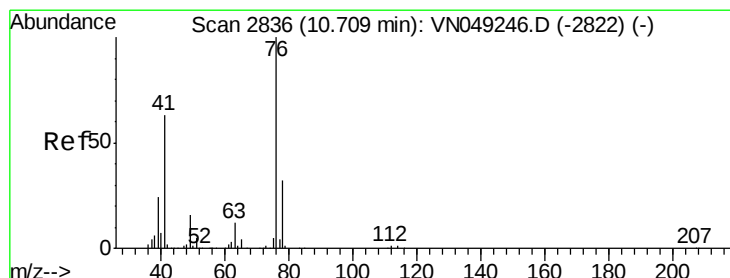
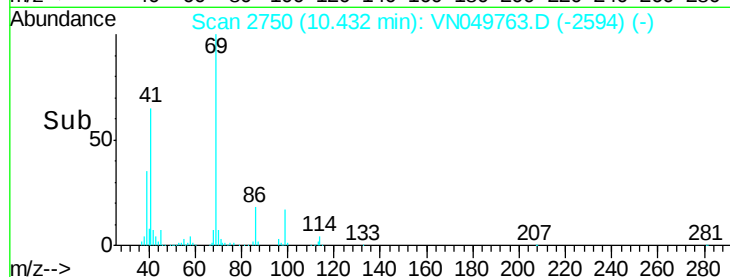
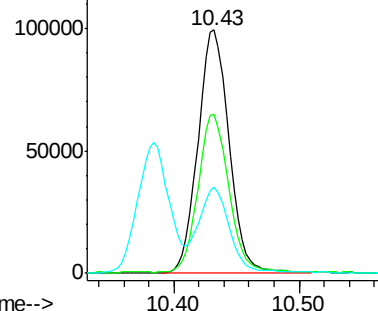
Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.6	31.9	95.9
39	35.0	16.7	50.1



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

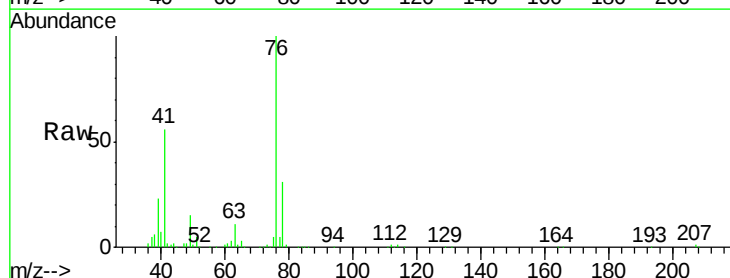
Ion 41.00 (40.70 to 41.70): VN049246.D (-2736) (-)

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



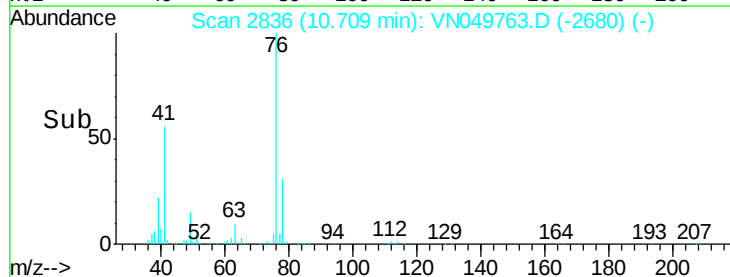
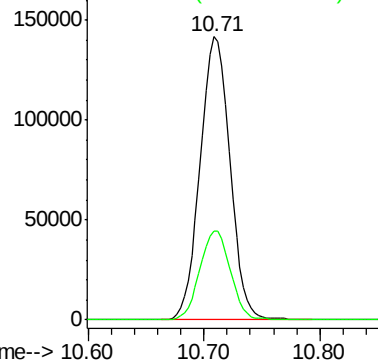
#52
 1,3-Dichloropropane
 Concen: 9.958 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. 0.00 min
 Lab File: VN049763.D
 Acq: 11 Jul 2018 18:12

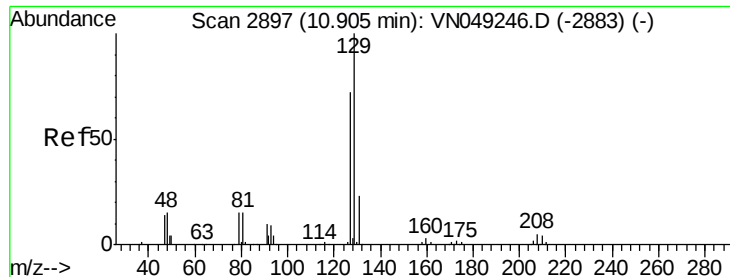
Tgt Ion	Ratio	Lower	Upper
76	100		
78	31.8	0.0	65.6



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

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





#53

Dibromochloromethane

Concen: 9.597 ug/l

RT: 10.90 min Scan# 2897

Delta R.T. 0.00 min

Lab File: VN049763.D

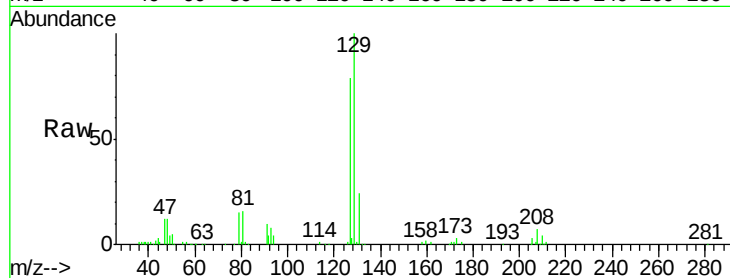
Acq: 11 Jul 2018 18:12

Tgt Ion:129 Resp: 167644

Ion Ratio Lower Upper

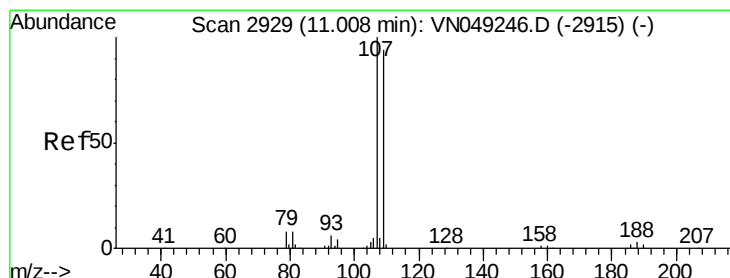
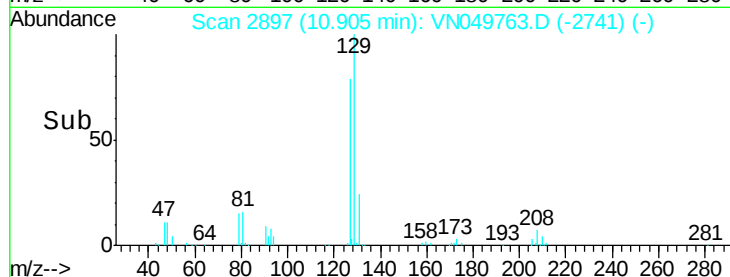
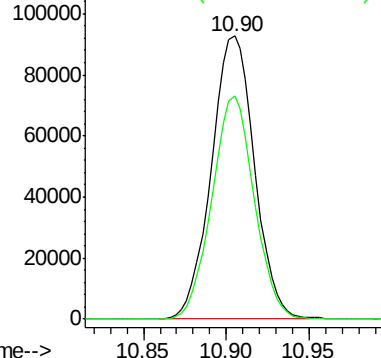
129 100

127 77.3 38.1 114.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 9.892 ug/l

RT: 11.01 min Scan# 2930

Delta R.T. 0.00 min

Lab File: VN049763.D

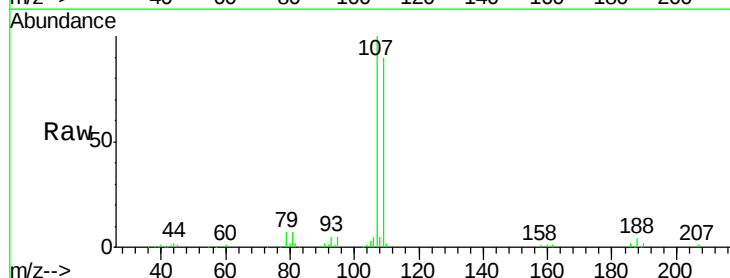
Acq: 11 Jul 2018 18:12

Tgt Ion:107 Resp: 148550

Ion Ratio Lower Upper

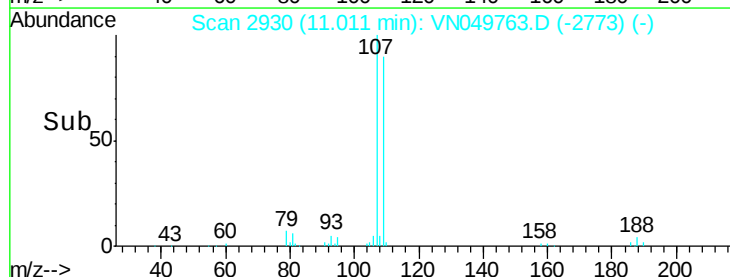
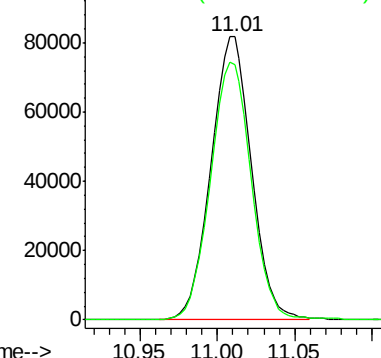
107 100

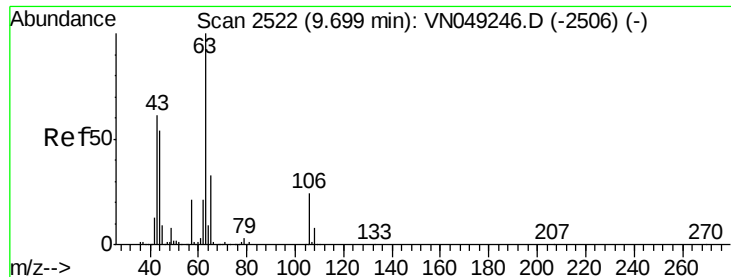
109 91.8 76.2 114.2



Abundance Ion 107.00 (106.70 to 107.70): V

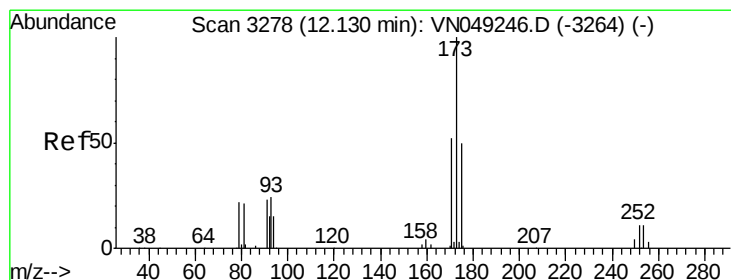
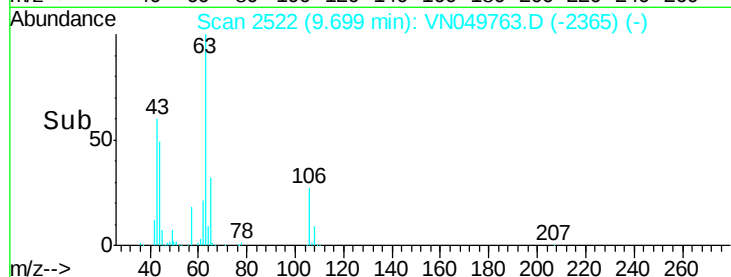
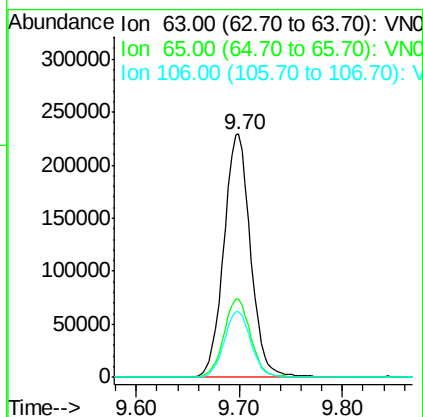
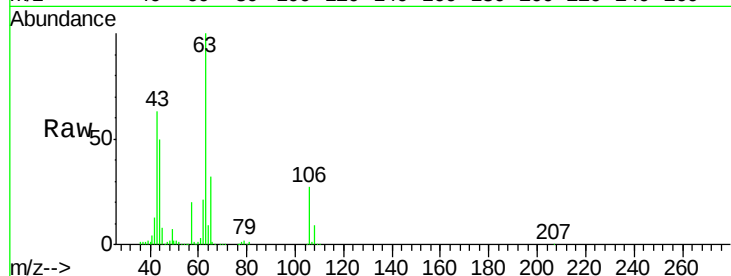
Ion 109.00 (108.70 to 109.70): V





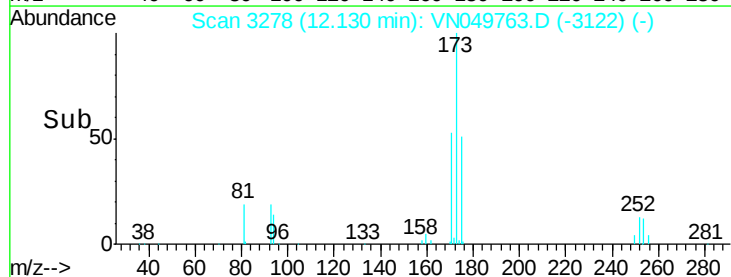
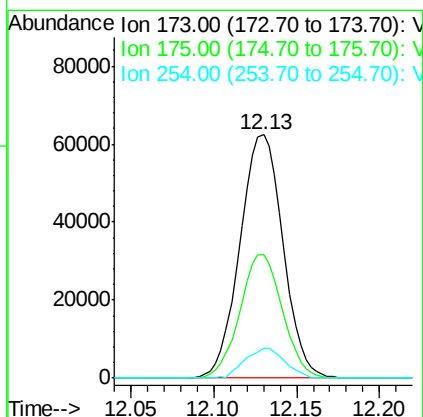
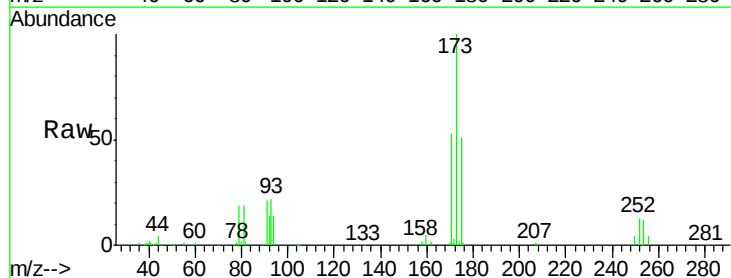
#55
 2-Chloroethyl vinyl ether
 Concen: 43.224 ug/l
 RT: 9.70 min Scan# 2522
 Delta R.T. 0.00 min
 Lab File: VN049763.D
 Acq: 11 Jul 2018 18:12

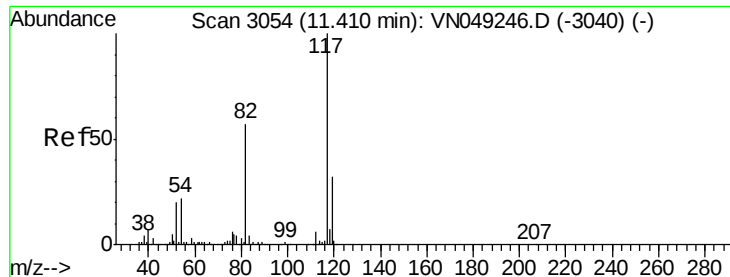
Tgt Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.5	38.3
106	27.0	21.8	32.6



#56
 Bromoform
 Concen: 9.413 ug/l
 RT: 12.13 min Scan# 3278
 Delta R.T. 0.00 min
 Lab File: VN049763.D
 Acq: 11 Jul 2018 18:12

Tgt Ion	Ratio	Lower	Upper
173	100		
175	50.1	38.6	57.8
254	11.3	8.8	13.2

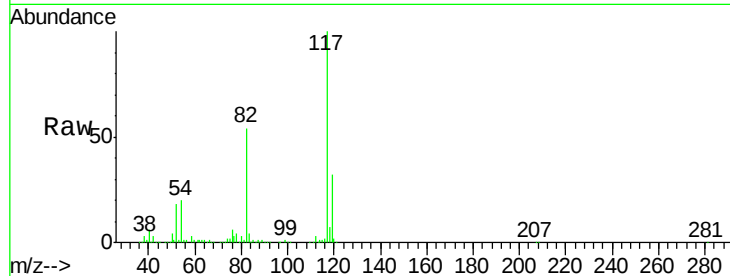




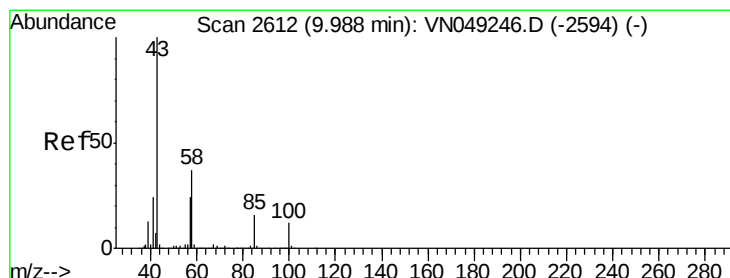
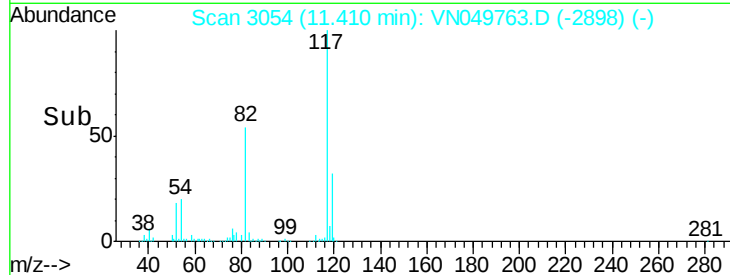
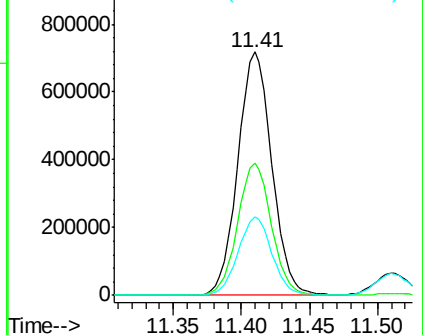
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049763.D
Acq: 11 Jul 2018 18:12

Tgt Ion: 117 Resp: 1246182

Ion	Ratio	Lower	Upper
117	100		
82	53.9	42.4	63.6
119	32.0	25.4	38.0



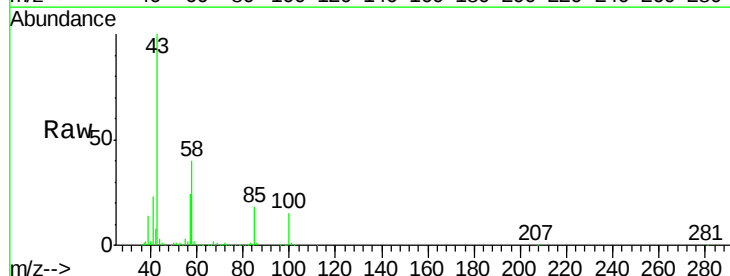
Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



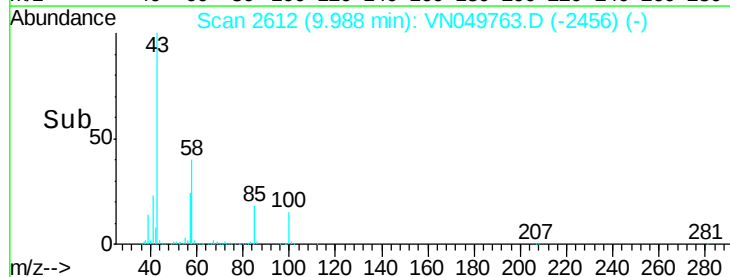
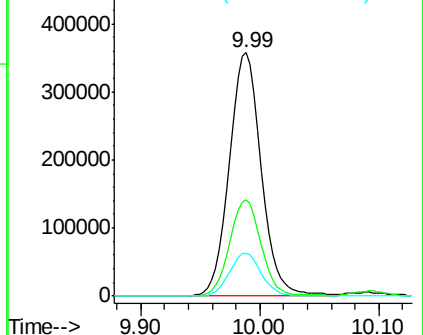
#58
4-Methyl-2-Pentanone
Concen: 48.719 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN049763.D
Acq: 11 Jul 2018 18:12

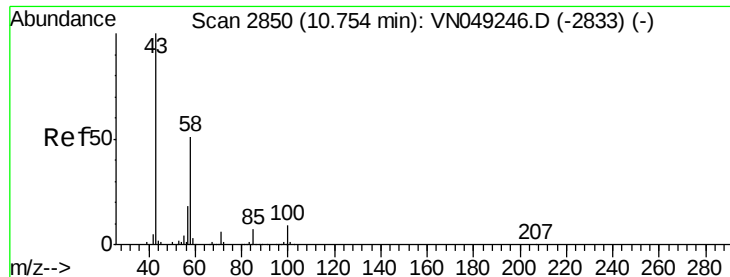
Tgt Ion: 43 Resp: 660030

Ion	Ratio	Lower	Upper
43	100		
58	39.4	31.2	46.8
85	17.7	14.4	21.6



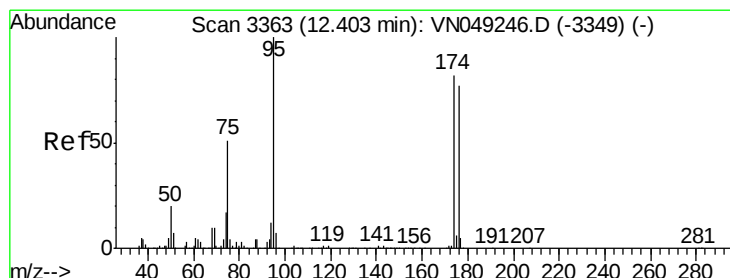
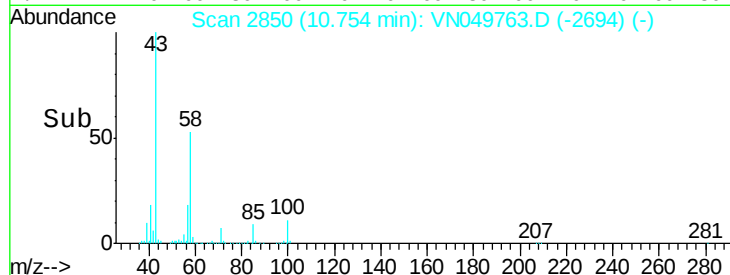
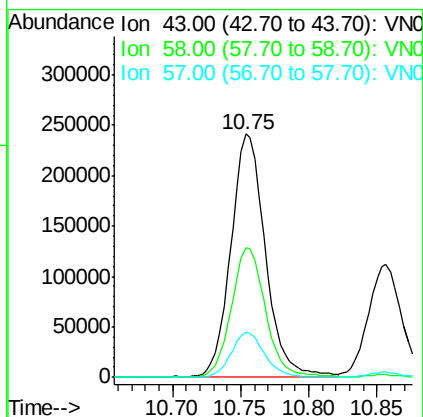
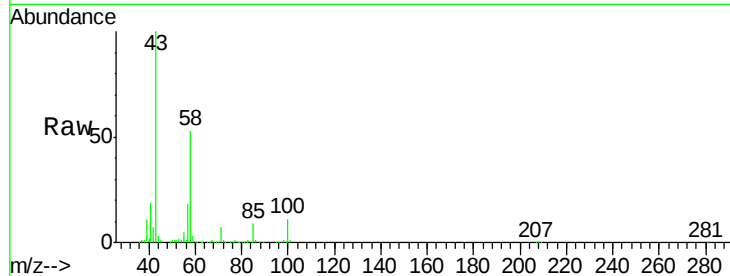
Abundance Ion 43.00 (42.70 to 43.70): V
Ion 58.00 (57.70 to 58.70): V
Ion 85.00 (84.70 to 85.70): V





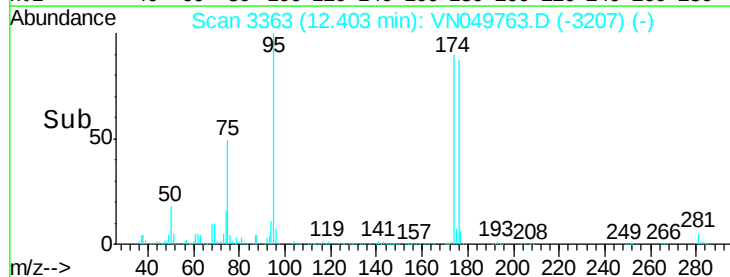
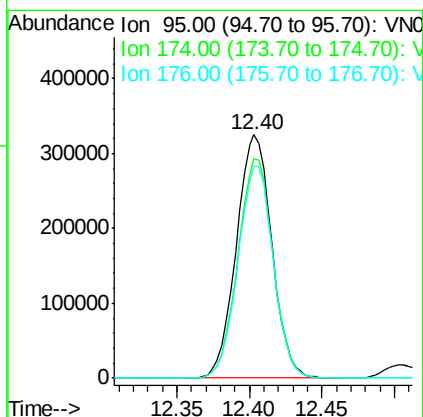
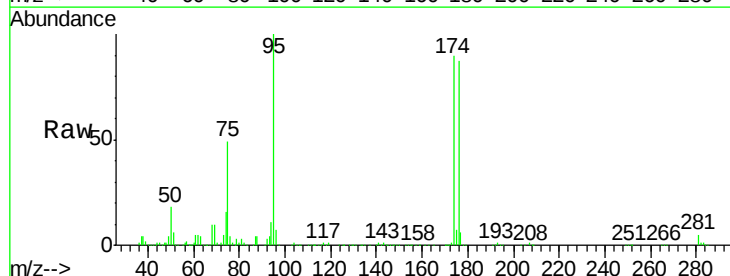
#59
2-Hexanone
Concen: 46.169 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049763.D
Acq: 11 Jul 2018 18:12

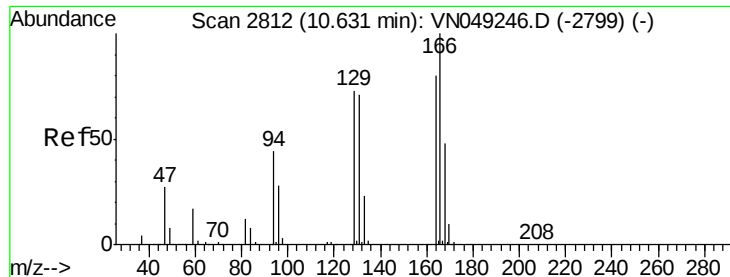
Tgt Ion: 43 Resp: 421037
Ion Ratio Lower Upper
43 100
58 53.4 43.8 65.8
57 18.0 15.1 22.7



#60
4-Bromofluorobenzene
Concen: 28.645 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049763.D
Acq: 11 Jul 2018 18:12

Tgt Ion: 95 Resp: 551049
Ion Ratio Lower Upper
95 100
174 89.8 72.3 108.5
176 86.8 70.0 105.0





#61

Tetrachloroethene

Concen: 10.417 ug/l

RT: 10.63 min Scan# 2813

Delta R.T. 0.00 min

Lab File: VN049763.D

Acq: 11 Jul 2018 18:12

Tgt Ion: 164 Resp: 162879

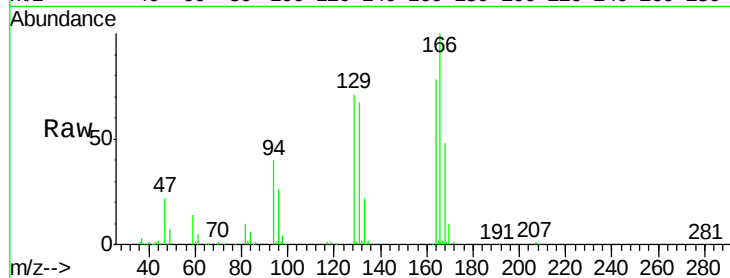
Ion Ratio Lower Upper

164 100

166 128.7 100.0 150.0

129 91.7 69.3 103.9

131 86.1 68.8 103.2

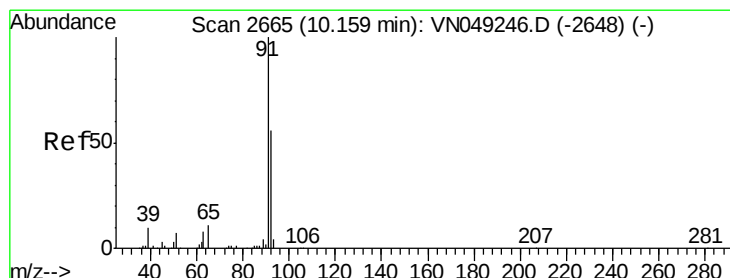
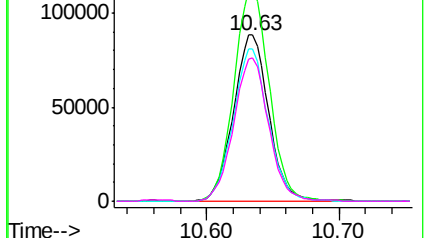
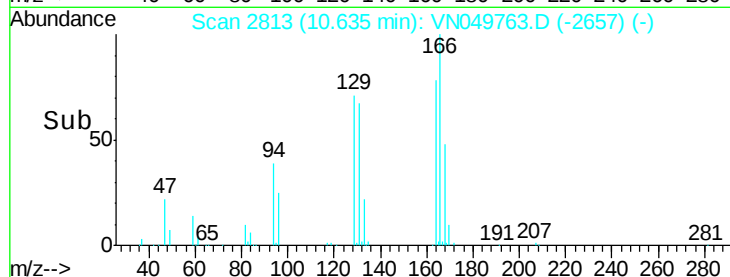


Abundance Ion 163.85 (163.55 to 164.55): V

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: 10.117 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN049763.D

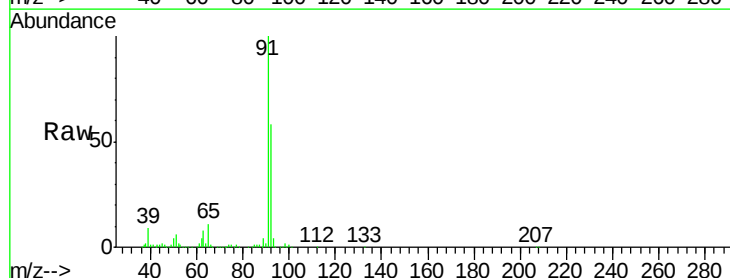
Acq: 11 Jul 2018 18:12

Tgt Ion: 91 Resp: 722602

Ion Ratio Lower Upper

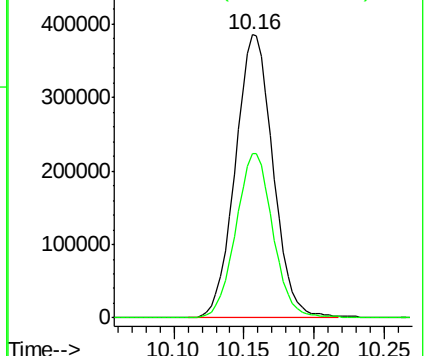
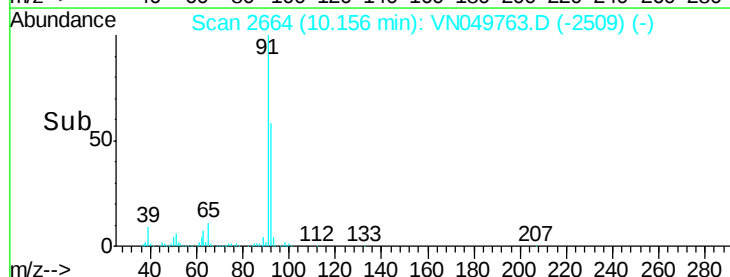
91 100

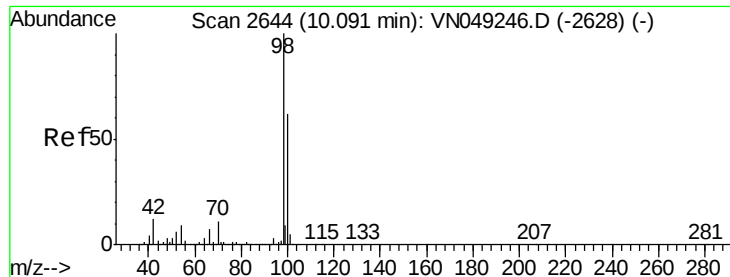
92 57.2 45.7 68.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 30.237 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049763.D

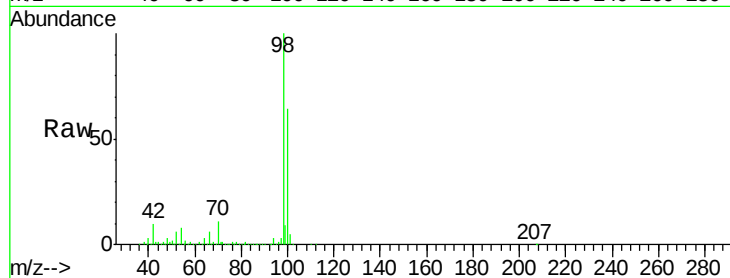
Acq: 11 Jul 2018 18:12

Tgt Ion: 98 Resp: 1760770

Ion Ratio Lower Upper

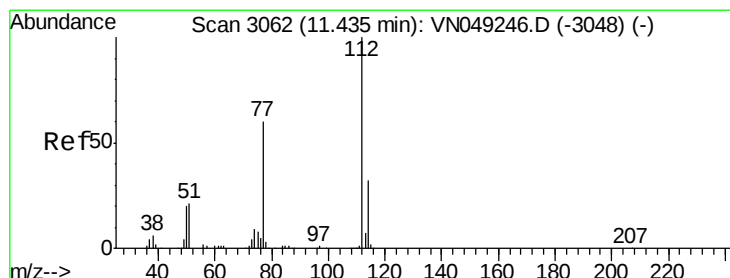
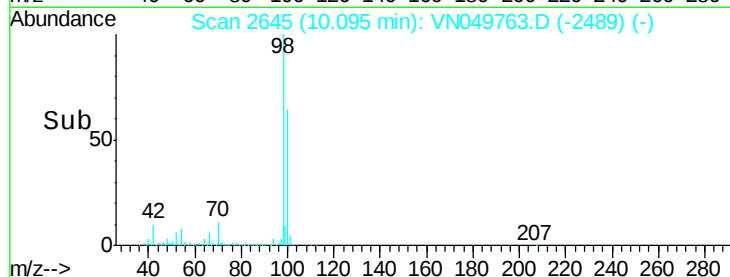
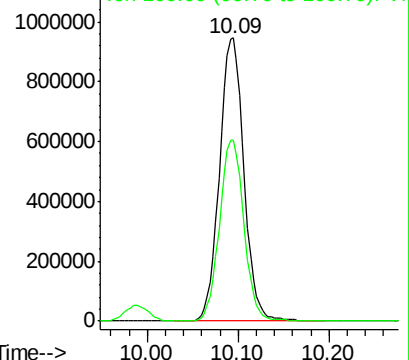
98 100

100 64.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN049763.D (-2644) (-)

Ion 100.00 (99.70 to 100.70): VN049763.D (-2645) (-)



#64

Chlorobenzene

Concen: 10.099 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049763.D

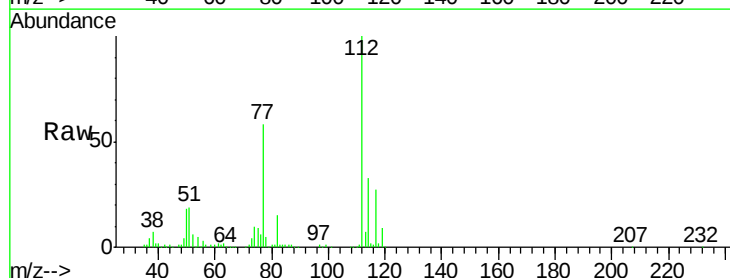
Acq: 11 Jul 2018 18:12

Tgt Ion: 112 Resp: 442566

Ion Ratio Lower Upper

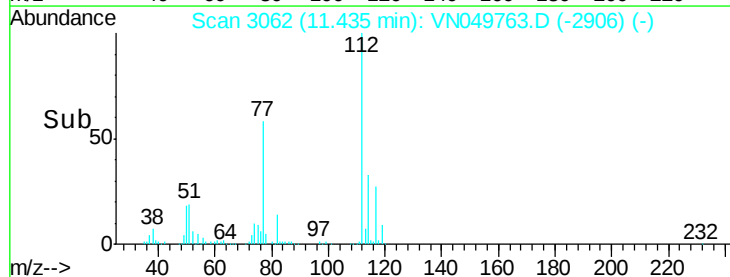
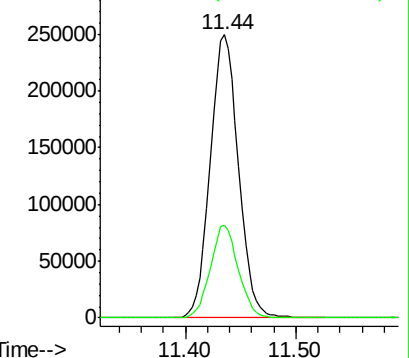
112 100

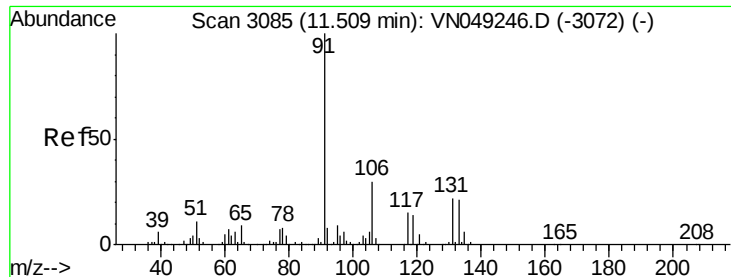
114 32.9 26.2 39.2



Abundance Ion 112.00 (111.70 to 112.70): VN049763.D (-3062) (-)

Ion 114.00 (113.70 to 114.70): VN049763.D (-3063) (-)





#65

1,1,1,2-Tetrachloroethane

Concen: 10.164 ug/l

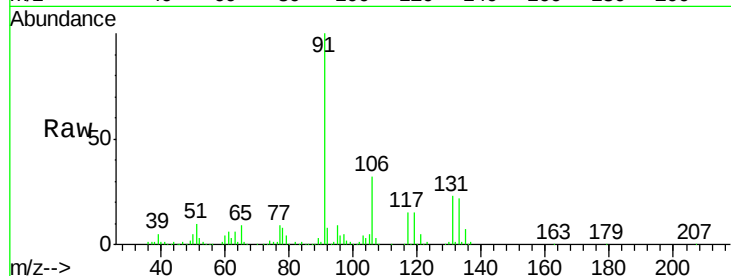
RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

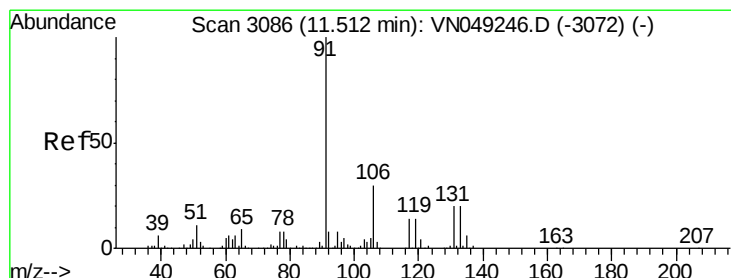
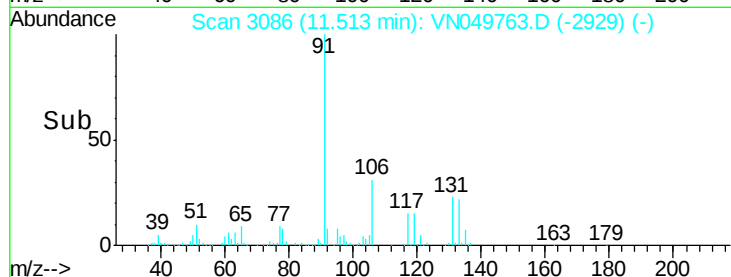
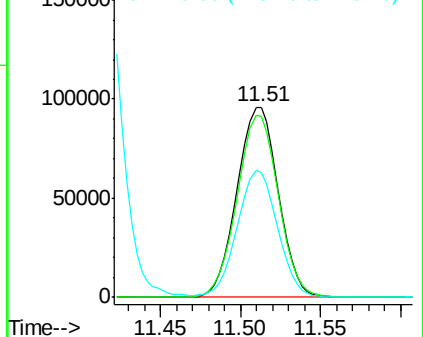
Lab File: VN049763.D

Acq: 11 Jul 2018 18:12

Tgt Ion:	131	Resp:	169043
Ion	Ratio	Lower	Upper
131	100		
133	95.9	0.0	190.0
119	65.4	0.0	131.6



Abundance Ion 131.00 (130.70 to 131.70): V
Ion 133.00 (132.70 to 133.70): V
Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 9.521 ug/l

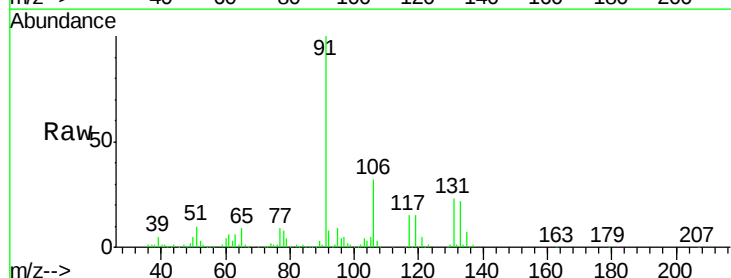
RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

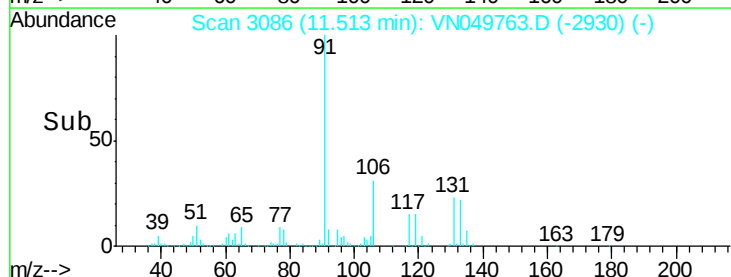
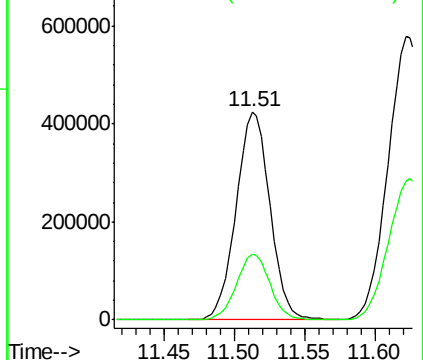
Lab File: VN049763.D

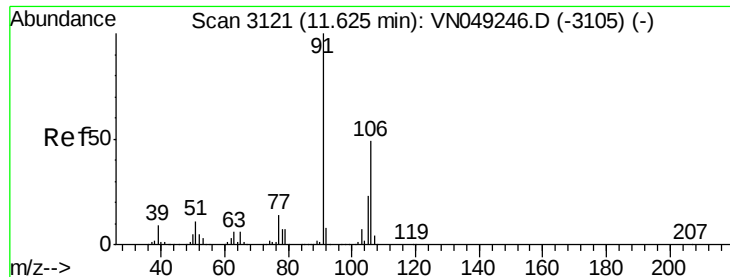
Acq: 11 Jul 2018 18:12

Tgt Ion:	91	Resp:	713396
Ion	Ratio	Lower	Upper
91	100		
106	31.9	25.1	37.7



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 19.290 ug/l

RT: 11.63 min Scan# 3121

Delta R.T. 0.00 min

Lab File: VN049763.D

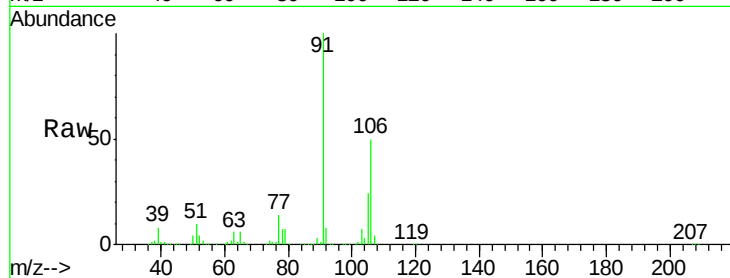
Acq: 11 Jul 2018 18:12

Tgt Ion:106 Resp: 555952

Ion Ratio Lower Upper

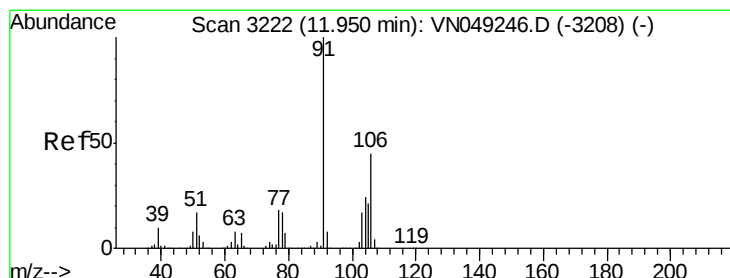
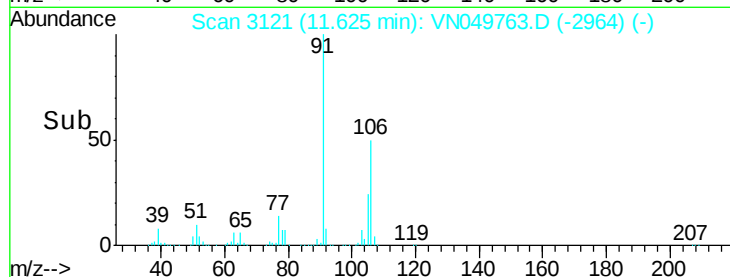
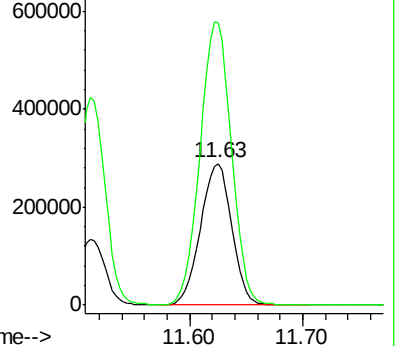
106 100

91 200.6 162.5 243.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#68

o-Xylene

Concen: 9.675 ug/l

RT: 11.95 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN049763.D

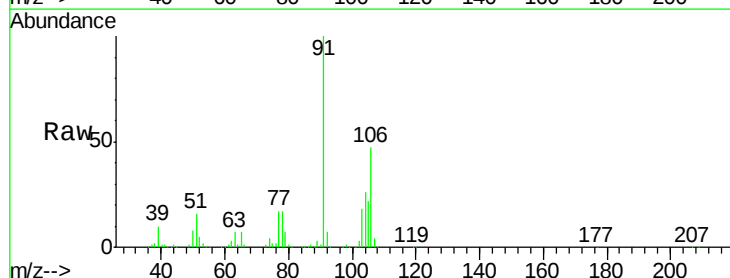
Acq: 11 Jul 2018 18:12

Tgt Ion:106 Resp: 266446

Ion Ratio Lower Upper

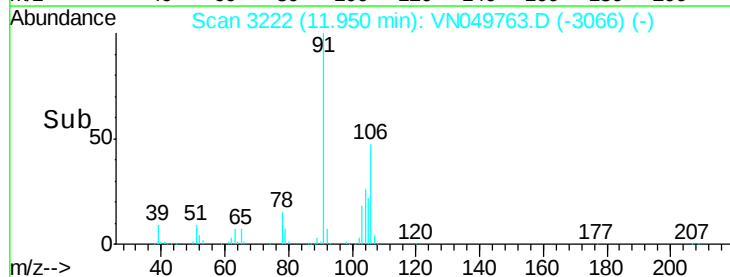
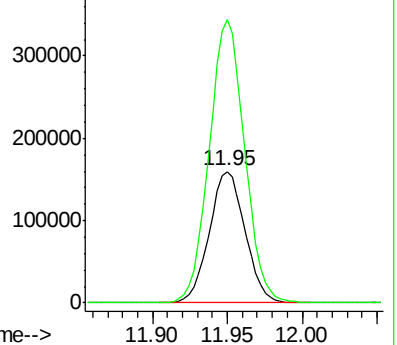
106 100

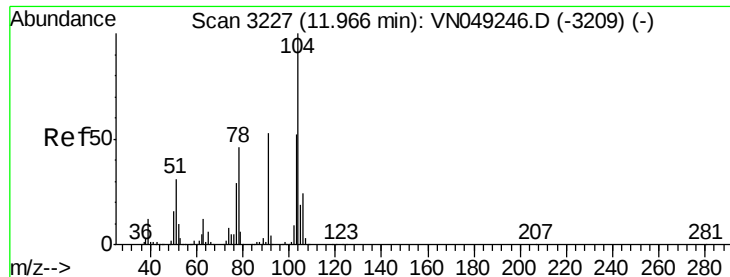
91 212.1 106.8 320.4



Abundance Ion 106.00 (105.70 to 106.70): V

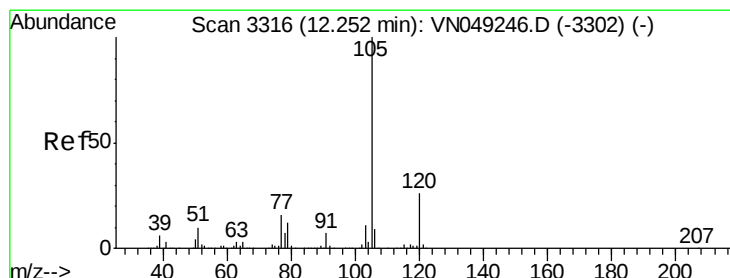
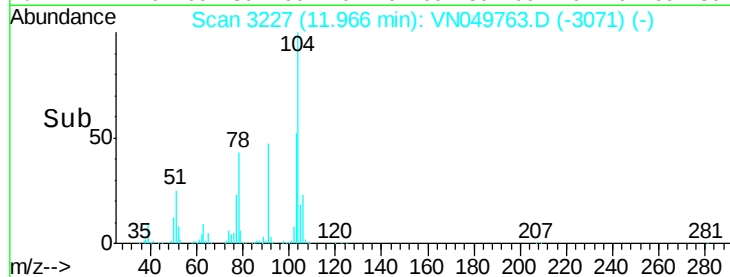
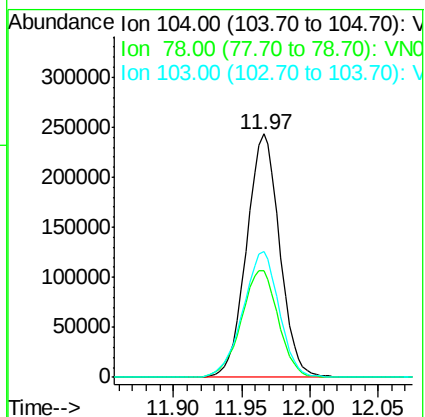
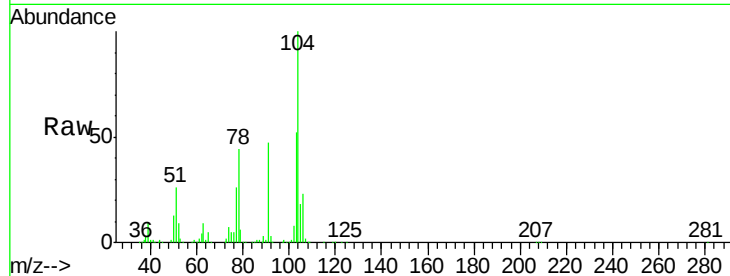
Ion 91.00 (90.70 to 91.70): VN0





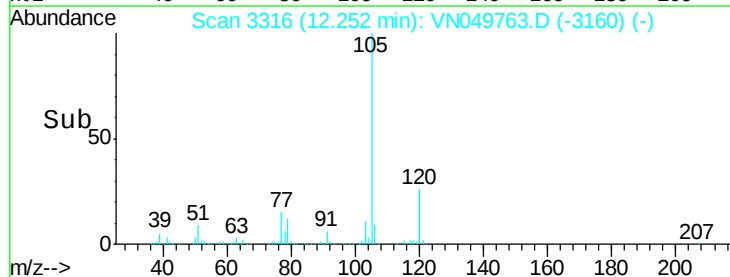
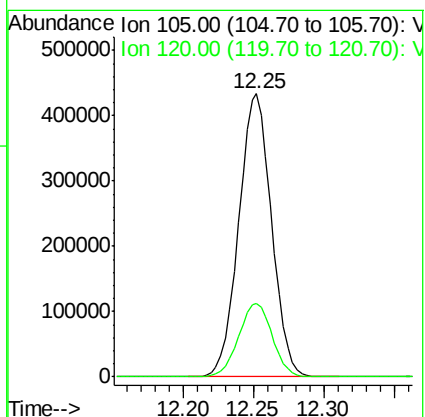
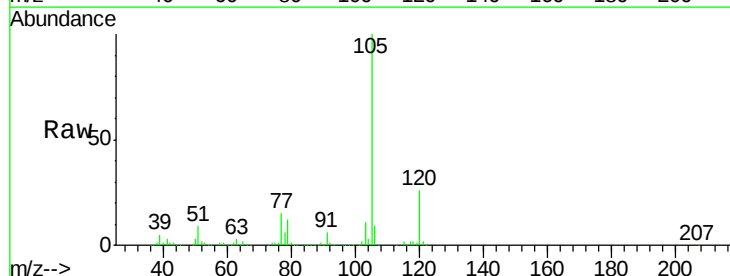
#69
Styrene
Concen: 9.330 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049763.D
Acq: 11 Jul 2018 18:12

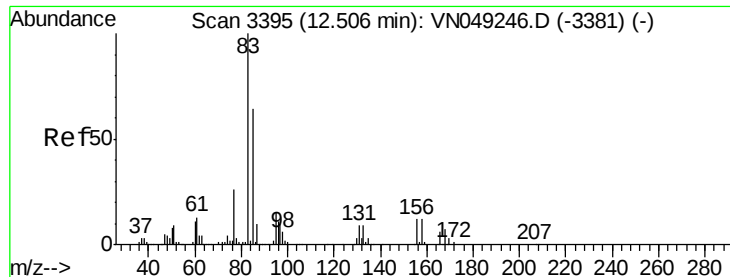
Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.0	39.3	58.9
103	56.5	44.5	66.7



#70
Isopropylbenzene
Concen: 9.641 ug/l
RT: 12.25 min Scan# 3316
Delta R.T. 0.00 min
Lab File: VN049763.D
Acq: 11 Jul 2018 18:12

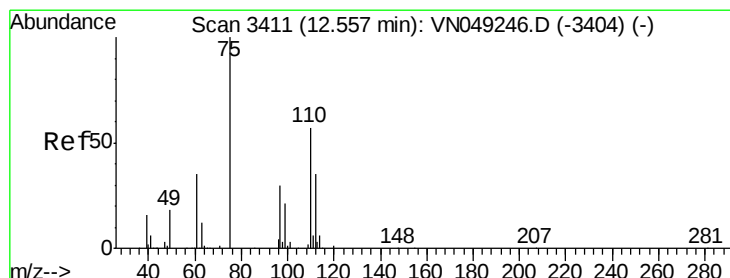
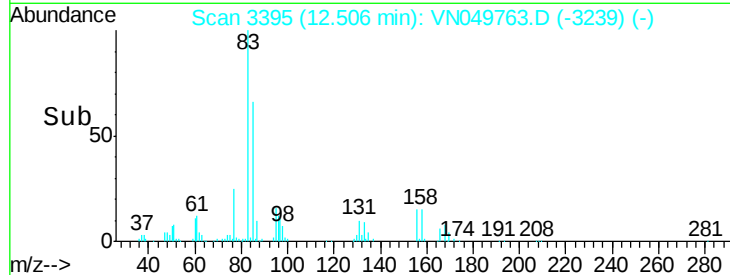
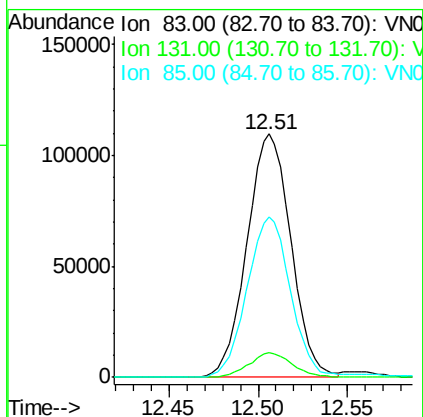
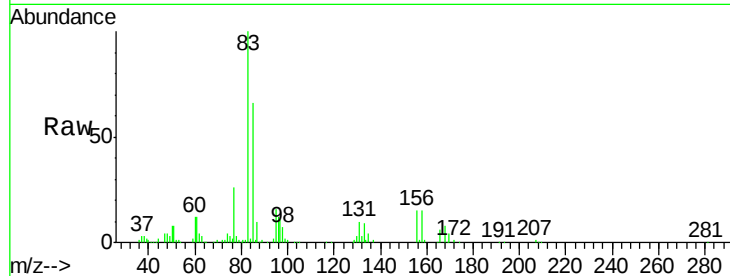
Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.7	18.9	35.1





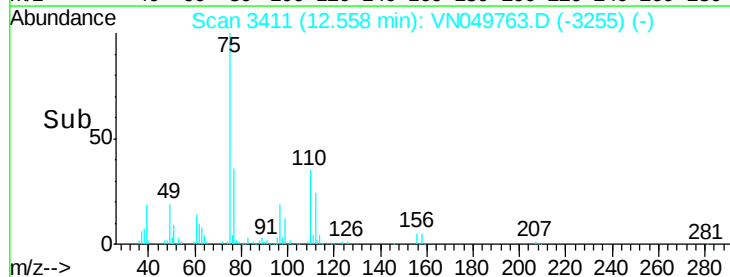
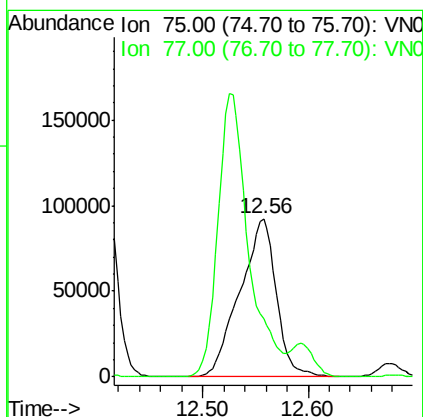
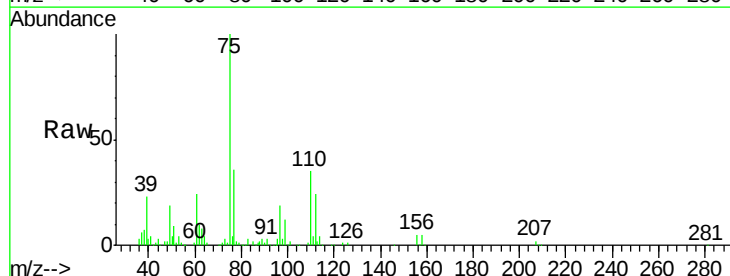
#71
 1,1,2,2-Tetrachloroethane
 Concen: 10.096 ug/l
 RT: 12.51 min Scan# 3395
 Delta R.T. 0.00 min
 Lab File: VN049763.D
 Acq: 11 Jul 2018 18:12

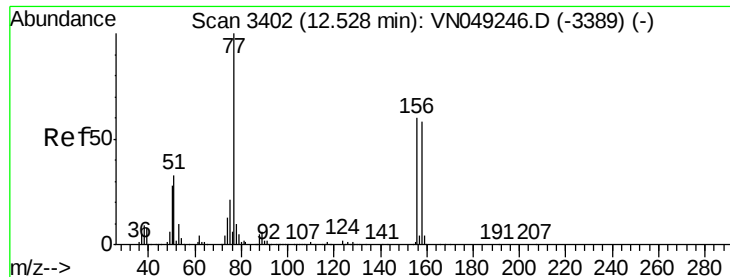
Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.2	15.6
85	64.9	31.7	95.1



#72
 1,2,3-Trichloropropane
 Concen: 14.807 ug/l
 RT: 12.56 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN049763.D
 Acq: 11 Jul 2018 18:12

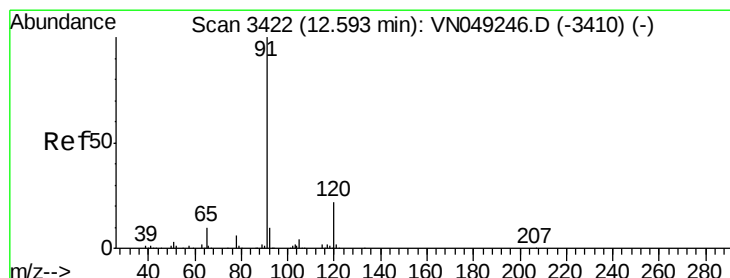
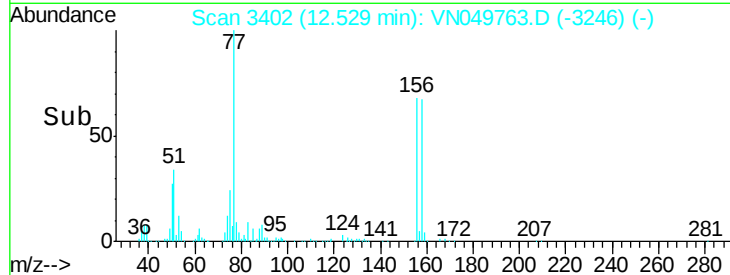
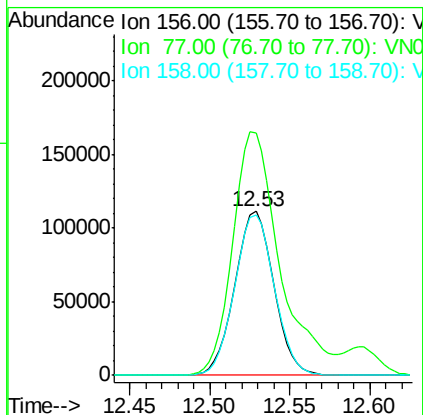
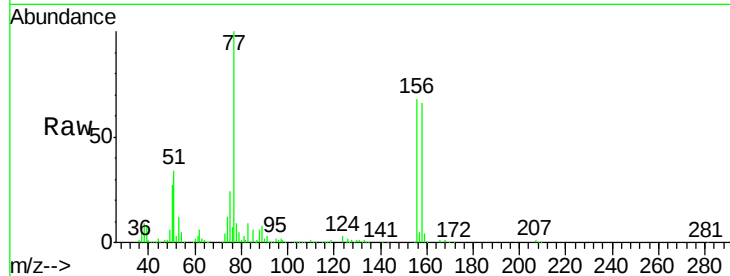
Tgt Ion	Ratio	Lower	Upper
75	100		
77	149.0	0.0	454.4





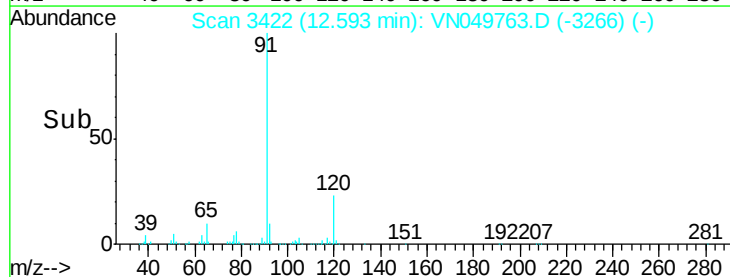
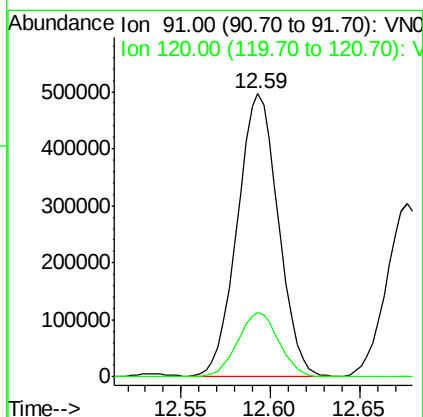
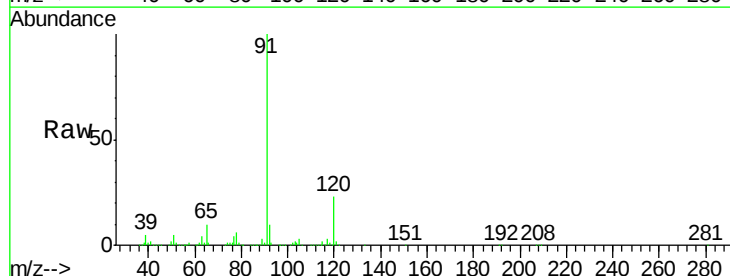
#73
Bromobenzene
Concen: 9.654 ug/l
RT: 12.53 min Scan# 3402
Delta R.T. 0.00 min
Lab File: VN049763.D
Acq: 11 Jul 2018 18:12

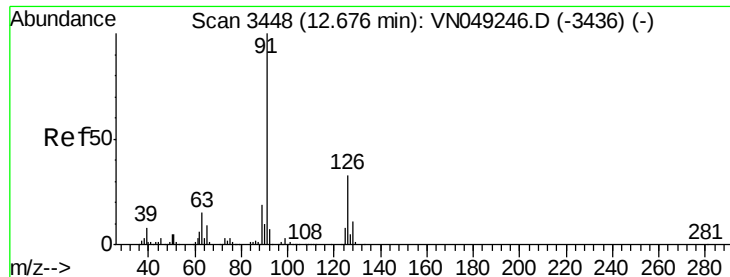
Tgt Ion: 156 Resp: 184858
Ion Ratio Lower Upper
156 100
77 179.2 0.0 359.8
158 99.6 0.0 192.8



#74
n-propylbenzene
Concen: 9.446 ug/l
RT: 12.59 min Scan# 3422
Delta R.T. 0.00 min
Lab File: VN049763.D
Acq: 11 Jul 2018 18:12

Tgt Ion: 91 Resp: 798592
Ion Ratio Lower Upper
91 100
120 22.8 0.0 46.4





#75

2-Chlorotoluene

Concen: 9.797 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049763.D

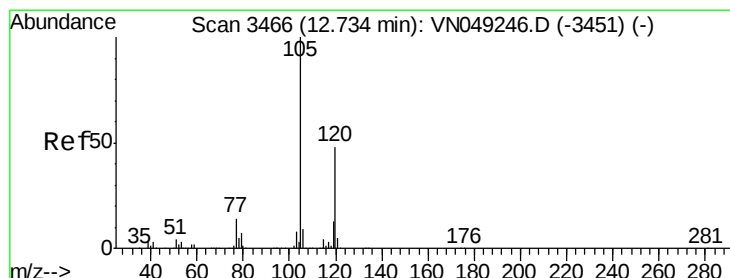
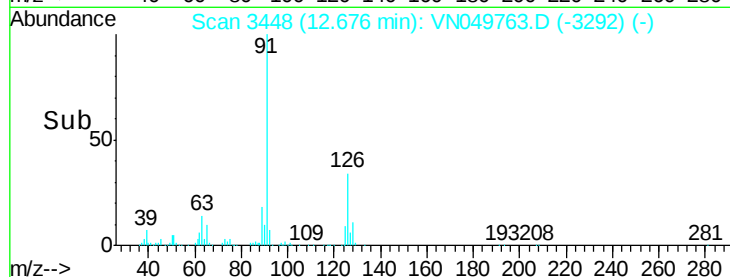
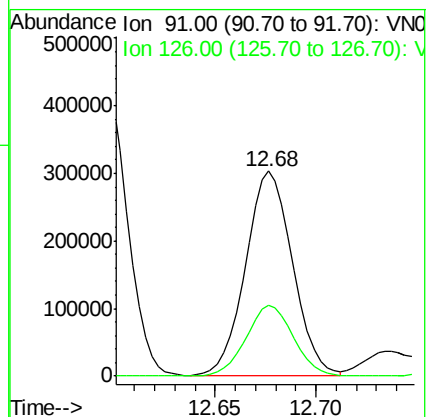
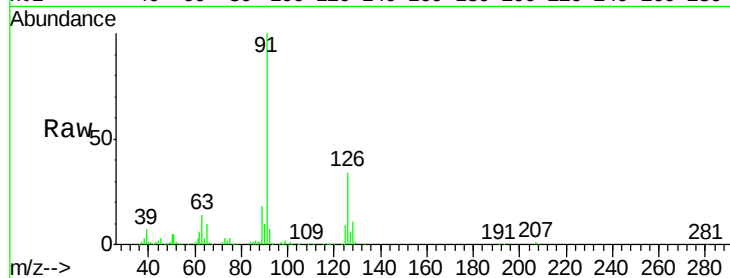
Acq: 11 Jul 2018 18:12

Tgt Ion: 91 Resp: 496787

Ion Ratio Lower Upper

91 100

126 34.7 0.0 68.6



#76

1,3,5-Trimethylbenzene

Concen: 9.461 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049763.D

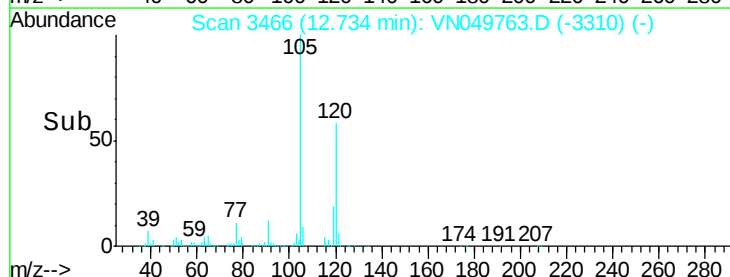
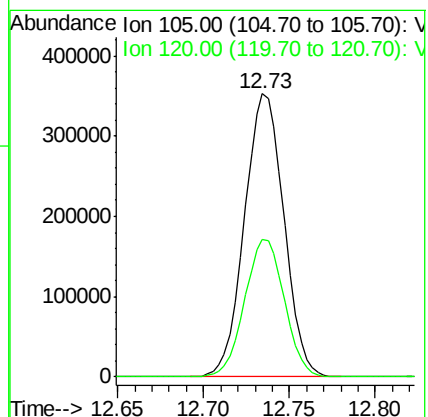
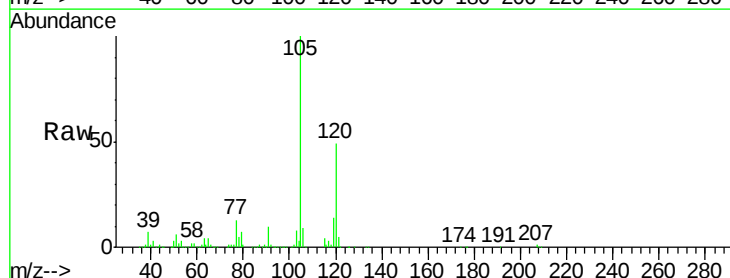
Acq: 11 Jul 2018 18:12

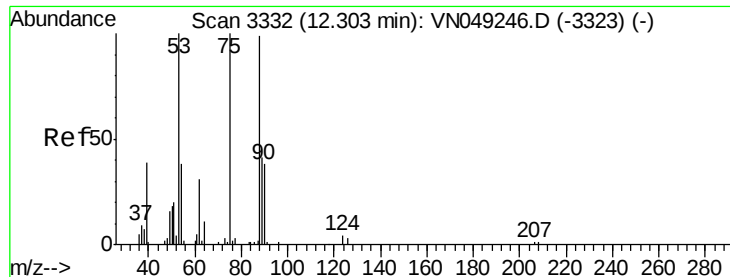
Tgt Ion: 105 Resp: 561572

Ion Ratio Lower Upper

105 100

120 49.0 0.0 98.0





#77

t-1,4-Dichloro-2-butene

Concen: 8.743 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN049763.D

Acq: 11 Jul 2018 18:12

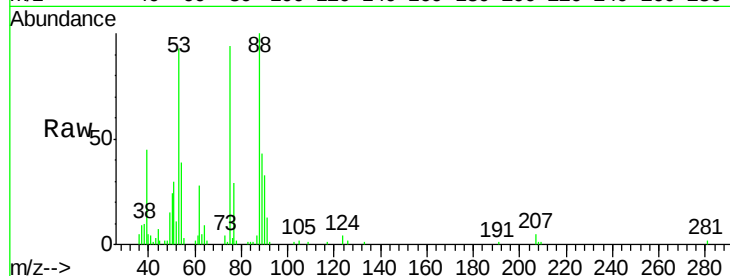
Tgt Ion: 75 Resp: 45993

Ion Ratio Lower Upper

75 100

53 98.1 44.6 134.0

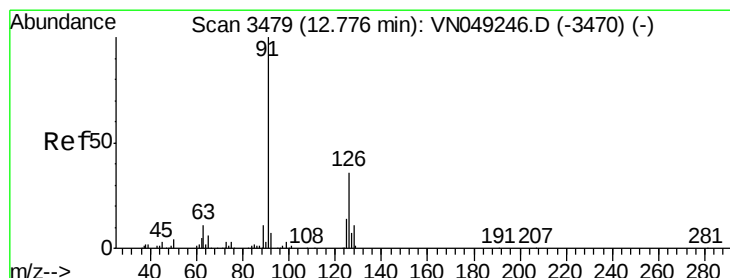
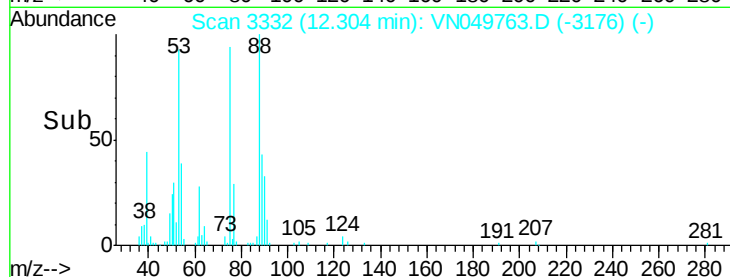
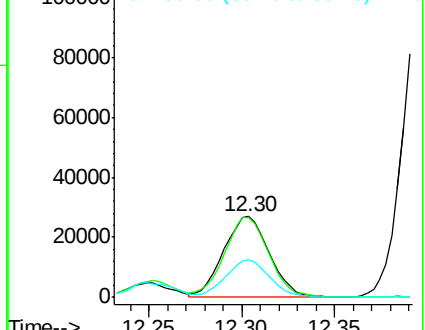
89 46.2 20.7 62.1



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: 9.444 ug/l

RT: 12.78 min Scan# 3479

Delta R.T. 0.00 min

Lab File: VN049763.D

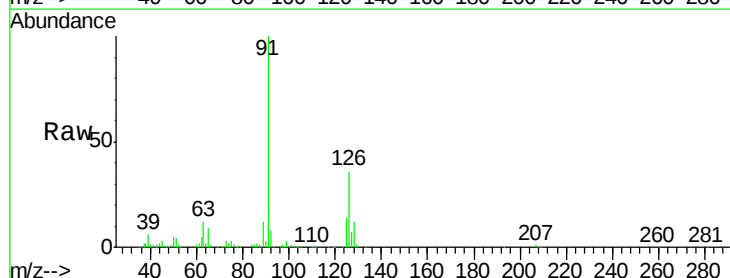
Acq: 11 Jul 2018 18:12

Tgt Ion: 91 Resp: 477534

Ion Ratio Lower Upper

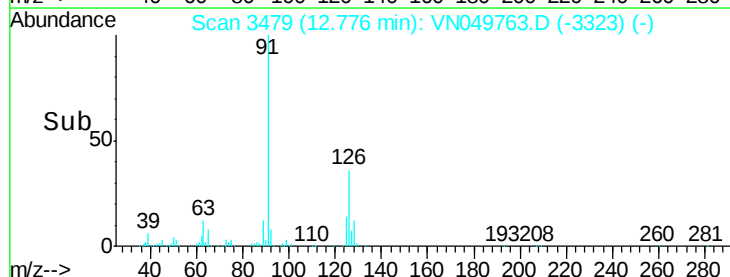
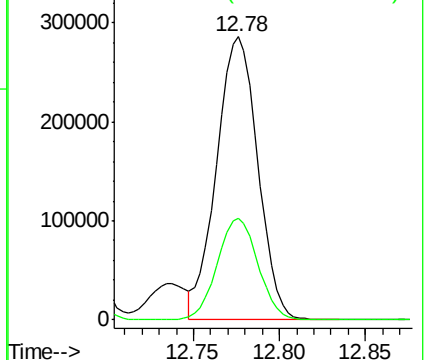
91 100

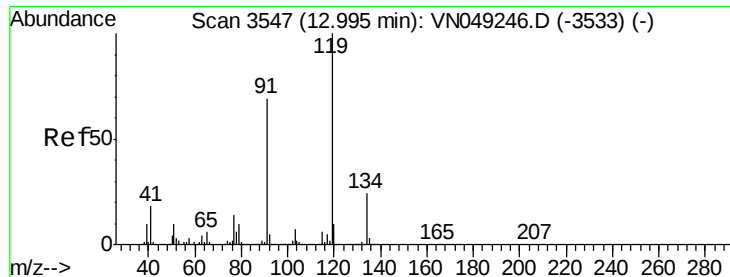
126 35.3 0.0 68.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

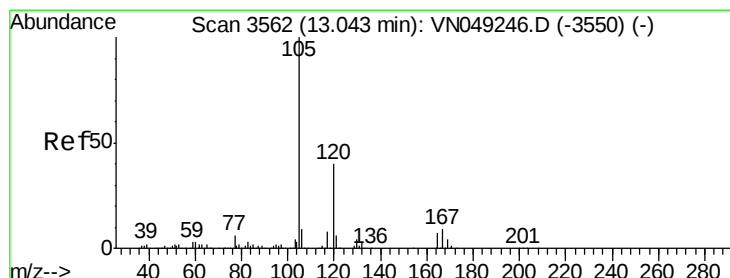
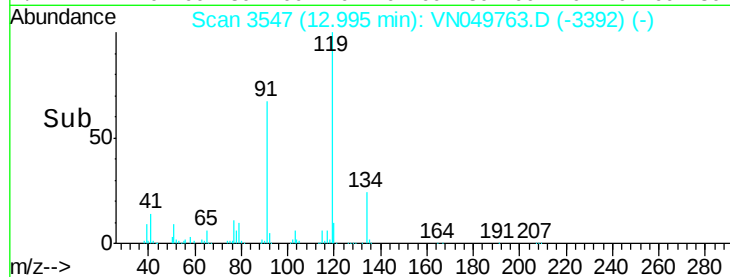
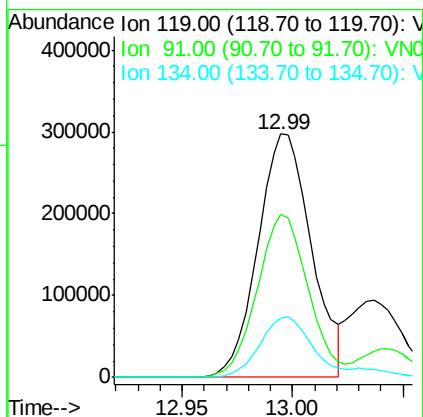
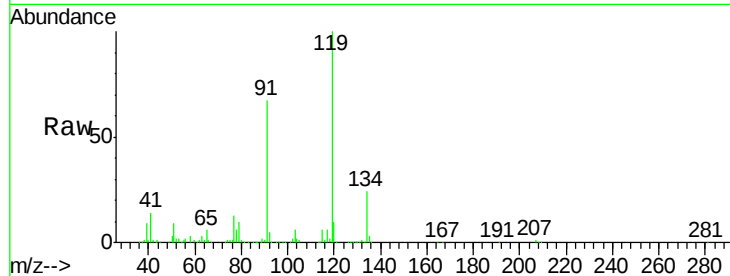
Ion 126.00 (125.70 to 126.70): V





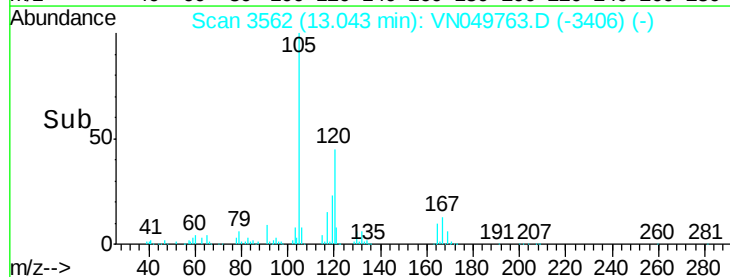
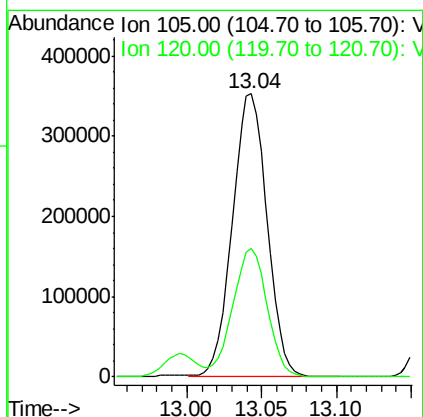
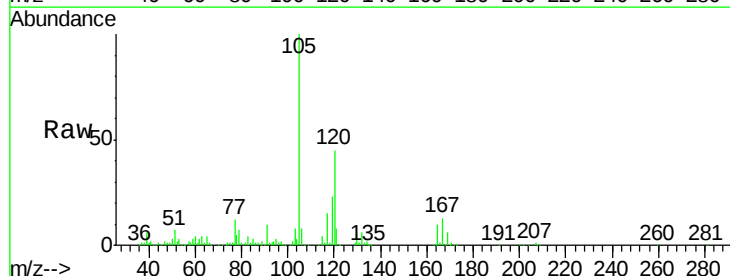
#79
 tert-butylbenzene
 Concen: 9.680 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN049763.D
 Acq: 11 Jul 2018 18:12

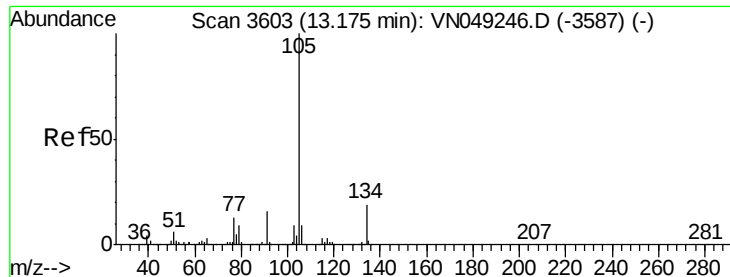
Tgt Ion	Ratio	Lower	Upper
119	100		
91	64.0	0.0	126.8
134	24.0	0.0	47.4



#80
 1,2,4-Trimethylbenzene
 Concen: 9.490 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN049763.D
 Acq: 11 Jul 2018 18:12

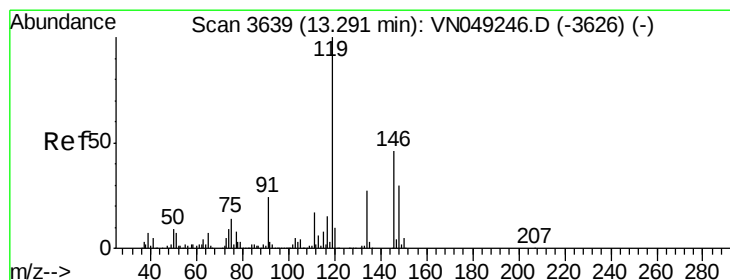
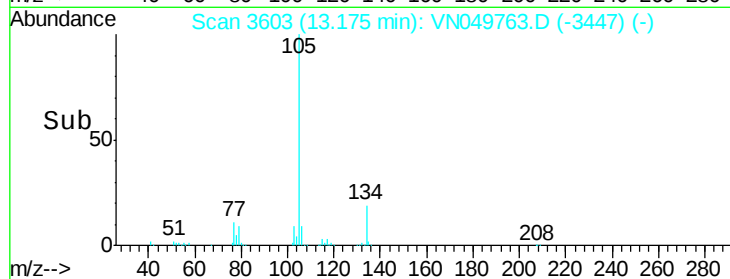
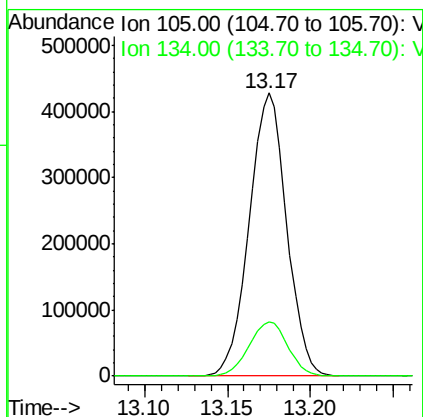
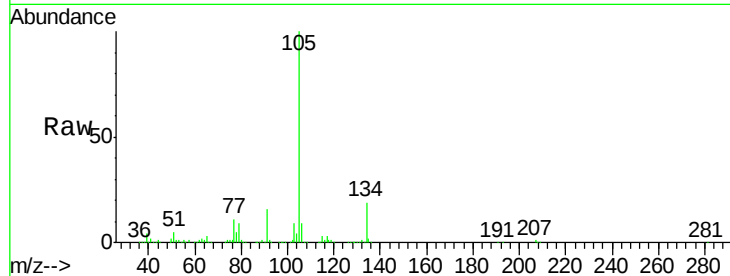
Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	0.0	90.6





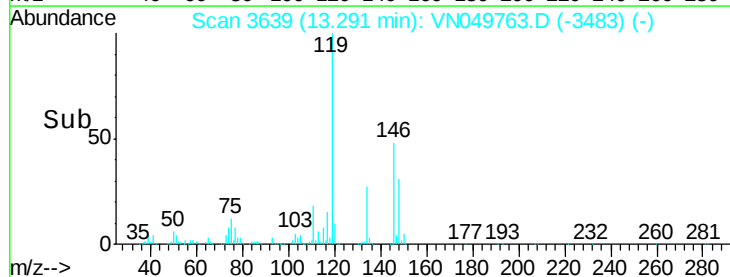
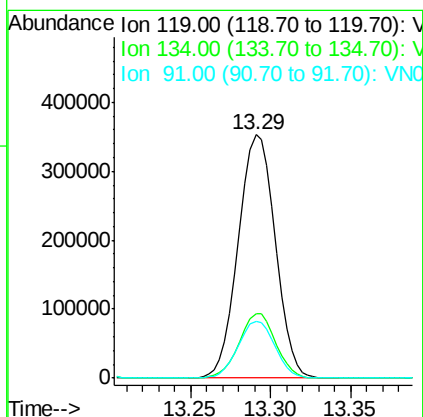
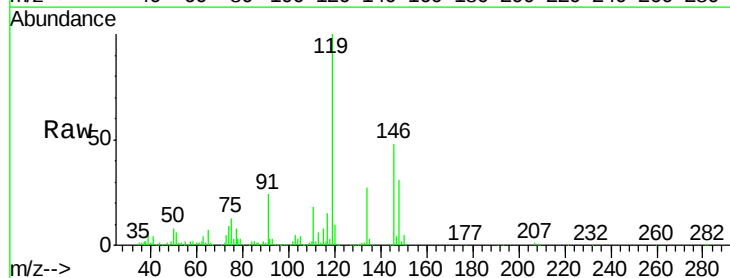
#81
 sec-Butylbenzene
 Concen: 9.655 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN049763.D
 Acq: 11 Jul 2018 18:12

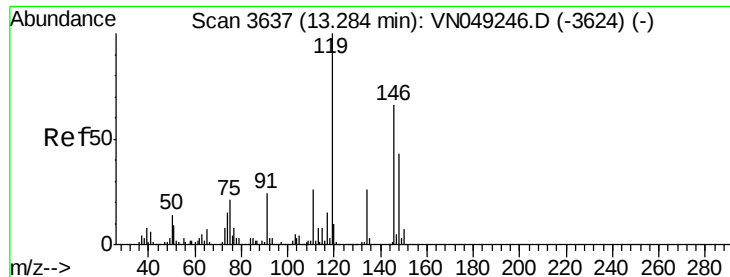
Tgt Ion:105 Resp: 668136
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 40.6



#82
 p-Isopropyltoluene
 Concen: 9.239 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.00 min
 Lab File: VN049763.D
 Acq: 11 Jul 2018 18:12

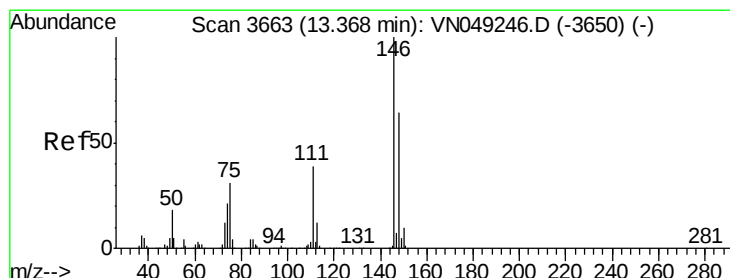
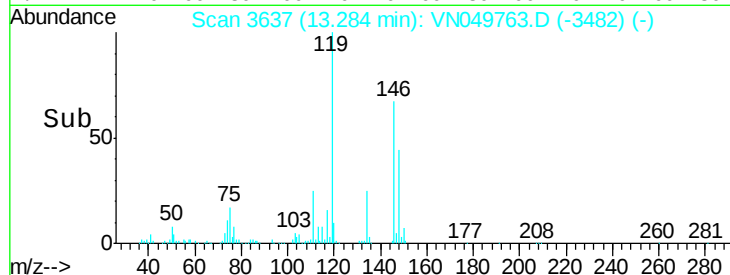
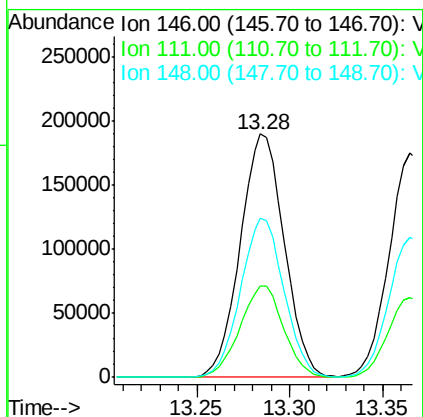
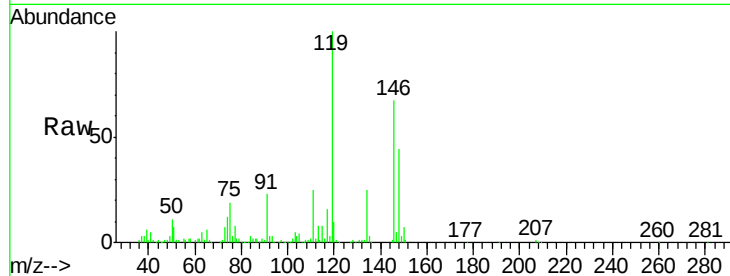
Tgt Ion:119 Resp: 552872
 Ion Ratio Lower Upper
 119 100
 134 26.4 0.0 52.2
 91 23.3 0.0 45.6





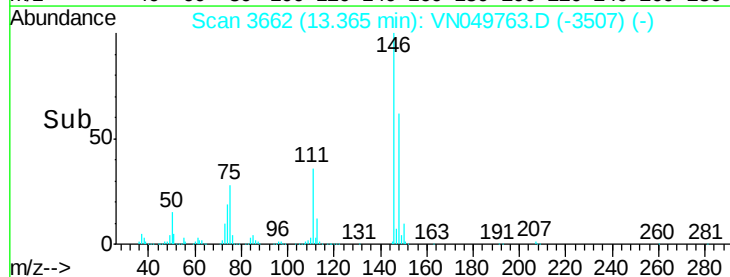
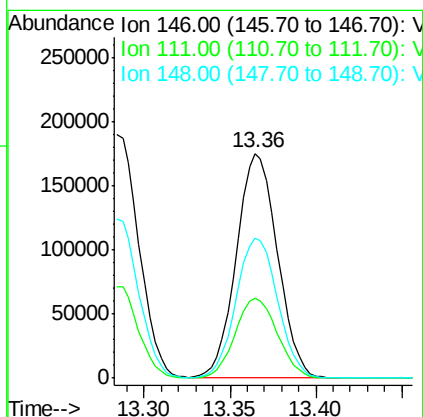
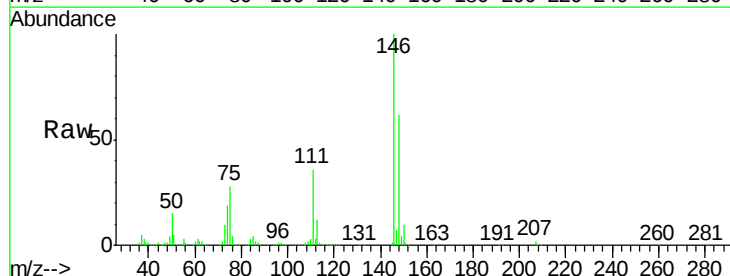
#83
 1,3-Dichlorobenzene
 Concen: 9.389 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. -0.00 min
 Lab File: VN049763.D
 Acq: 11 Jul 2018 18:12

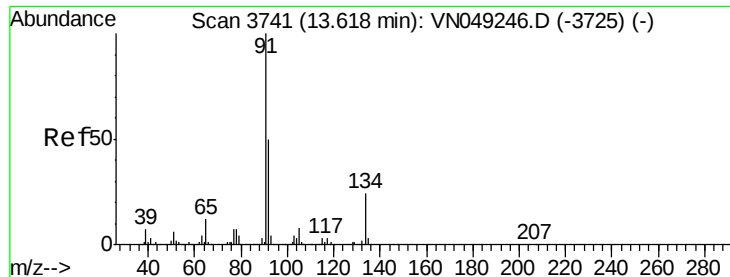
Tgt Ion:146 Resp: 311948
 Ion Ratio Lower Upper
 146 100
 111 37.3 19.1 57.1
 148 64.5 31.9 95.9



#84
 1,4-Dichlorobenzene
 Concen: 9.158 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. -0.00 min
 Lab File: VN049763.D
 Acq: 11 Jul 2018 18:12

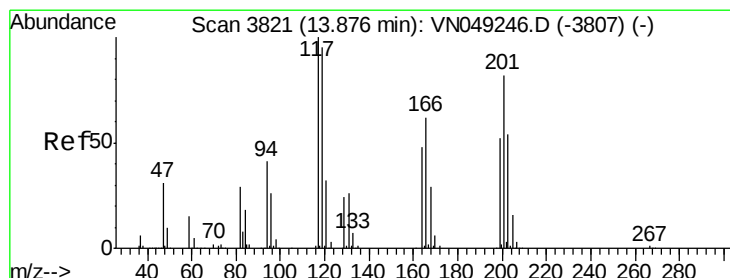
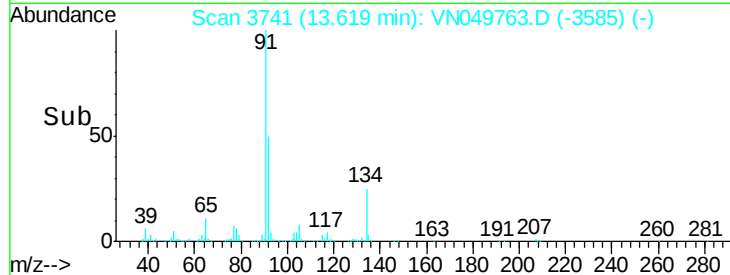
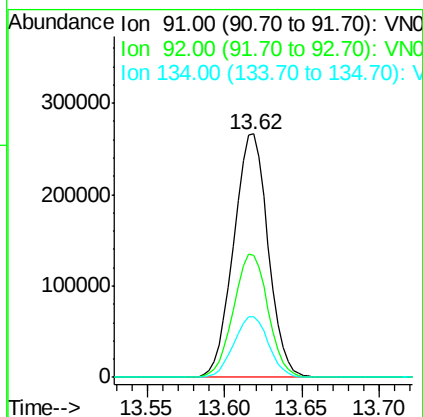
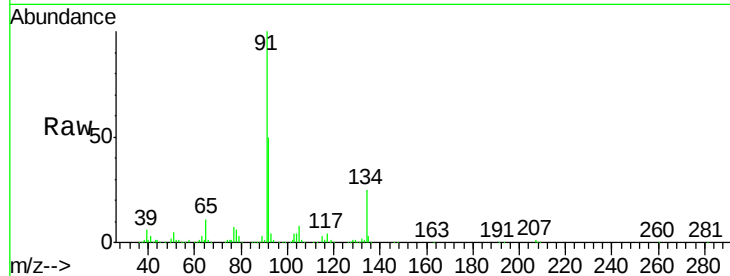
Tgt Ion:146 Resp: 291443
 Ion Ratio Lower Upper
 146 100
 111 36.7 17.9 53.8
 148 63.2 32.4 97.0





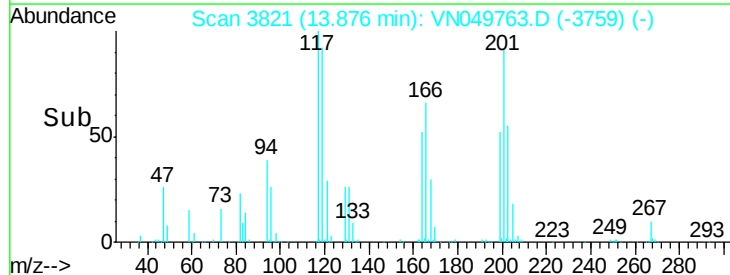
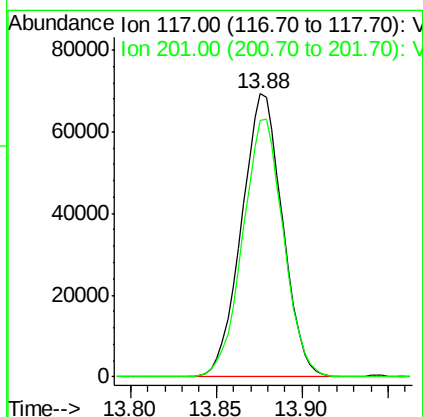
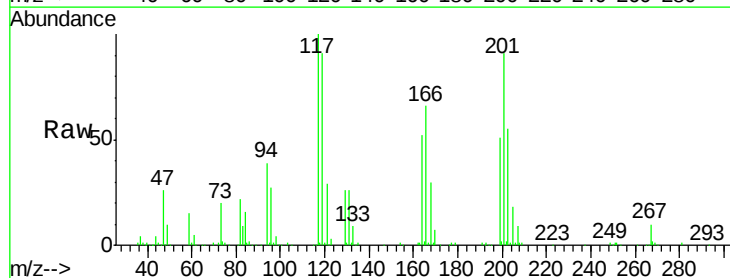
#85
n-Butylbenzene
Concen: 8.469 ug/l
RT: 13.62 min Scan# 3741
Delta R.T. 0.00 min
Lab File: VN049763.D
Acq: 11 Jul 2018 18:12

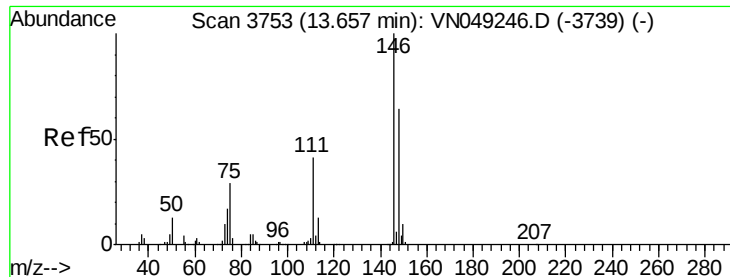
Tgt Ion: 91 Resp: 412587
Ion Ratio Lower Upper
91 100
92 50.9 0.0 102.8
134 25.1 0.0 51.0



#86
Hexachloroethane
Concen: 10.062 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049763.D
Acq: 11 Jul 2018 18:12

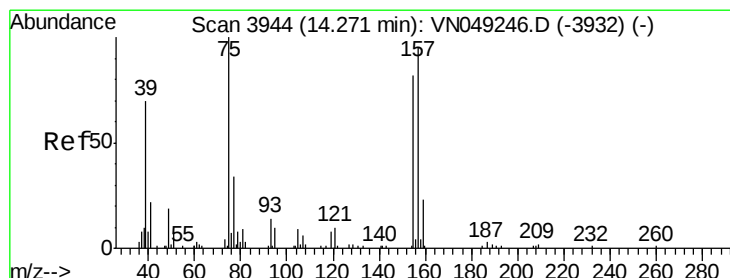
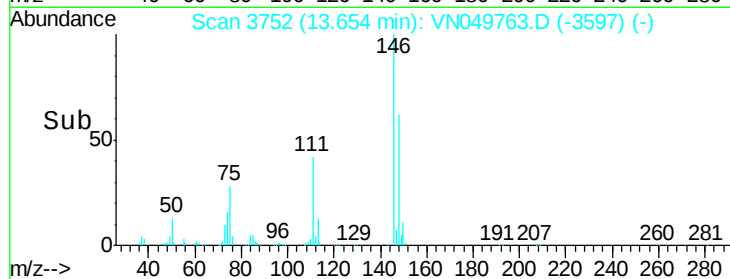
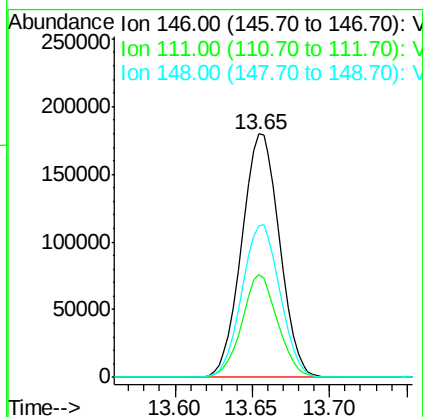
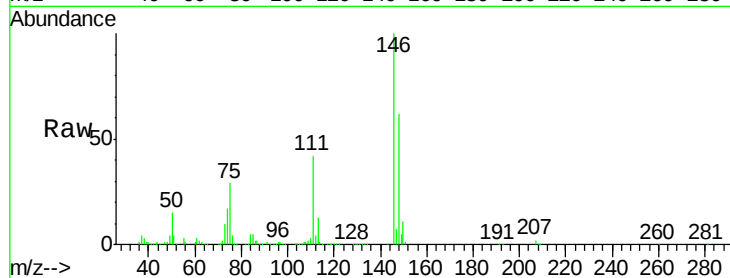
Tgt Ion: 117 Resp: 114526
Ion Ratio Lower Upper
117 100
201 90.5 46.6 139.7





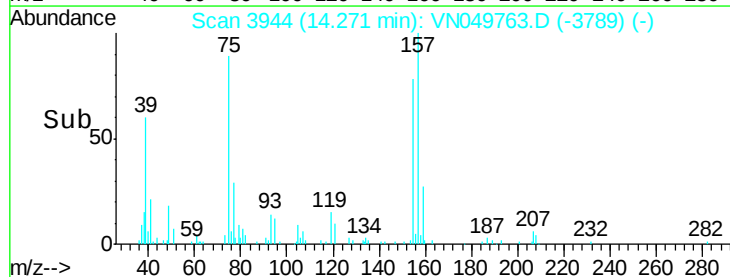
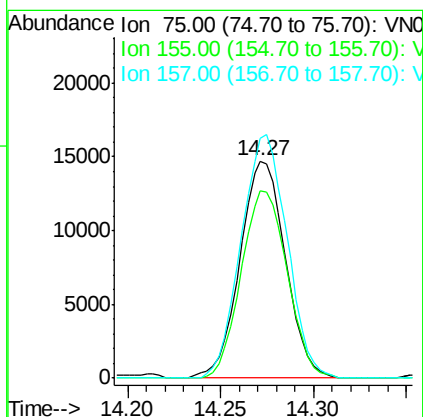
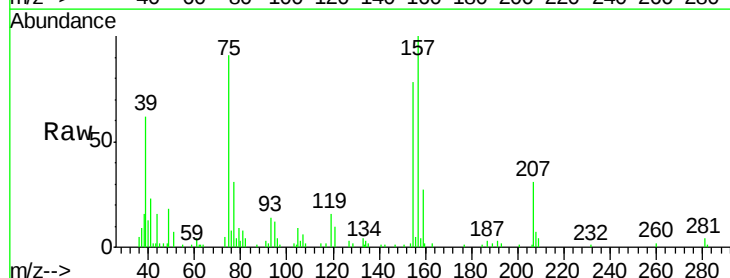
#87
 1,2-Dichlorobenzene
 Concen: 9.597 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. -0.00 min
 Lab File: VN049763.D
 Acq: 11 Jul 2018 18:12

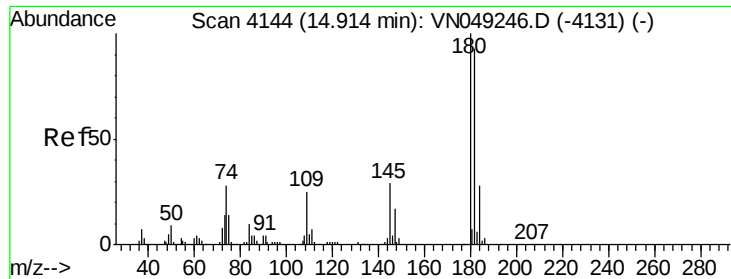
Tgt Ion:	146	Resp:	307115
Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.8	59.3
148	63.0	31.8	95.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 8.974 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. -0.00 min
 Lab File: VN049763.D
 Acq: 11 Jul 2018 18:12

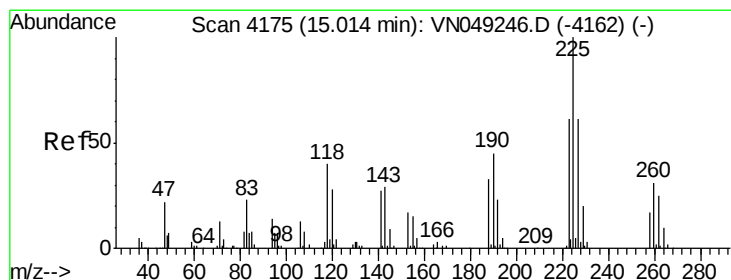
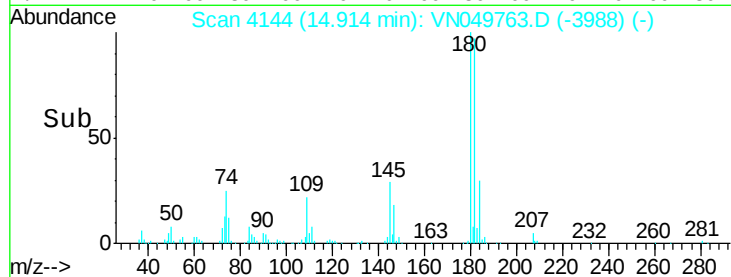
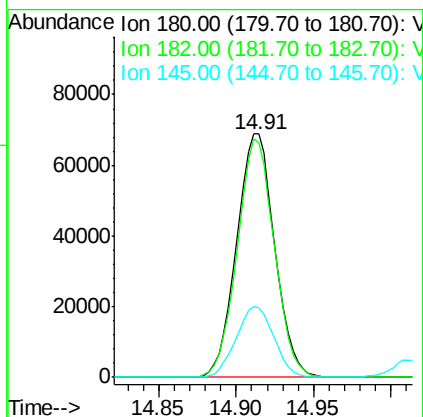
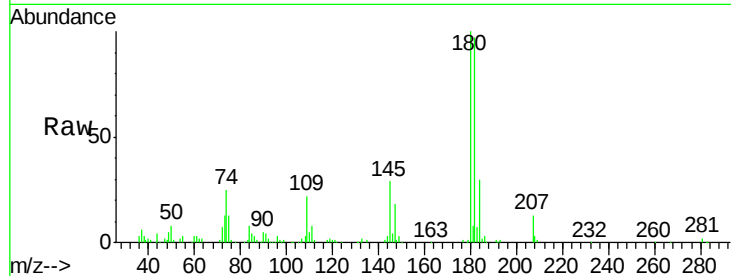
Tgt Ion:	75	Resp:	25051
Ion	Ratio	Lower	Upper
75	100		
155	87.5	73.0	109.6
157	113.5	94.9	142.3





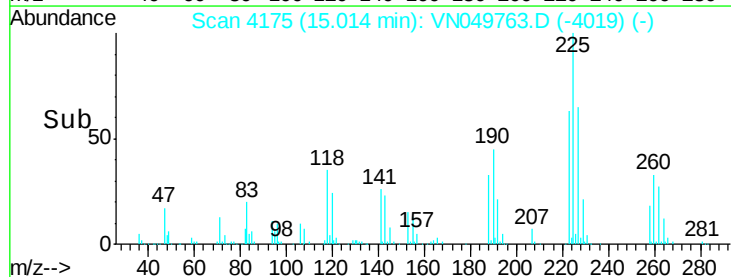
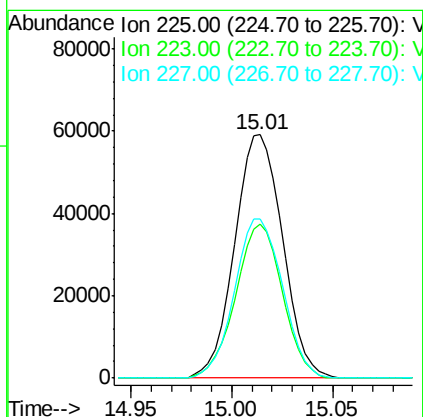
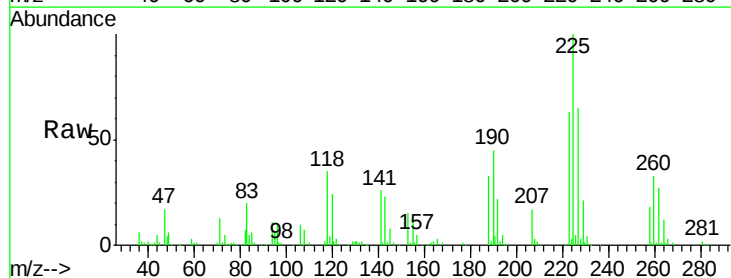
#89
 1,2,4-Trichlorobenzene
 Concen: 7.282 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN049763.D
 Acq: 11 Jul 2018 18:12

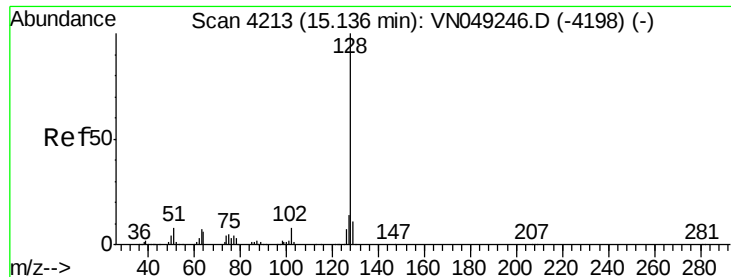
Tgt Ion:180 Resp: 117674
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.7 115.1
 145 28.9 23.4 35.0



#90
 Hexachlorobutadiene
 Concen: 9.592 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049763.D
 Acq: 11 Jul 2018 18:12

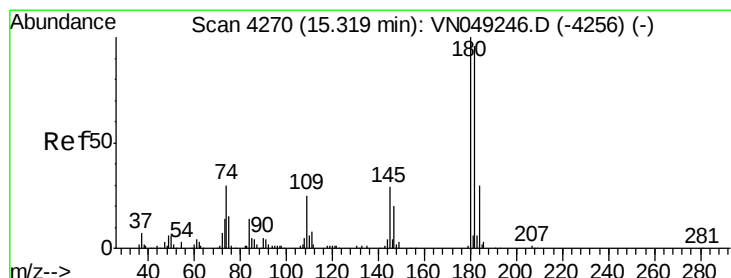
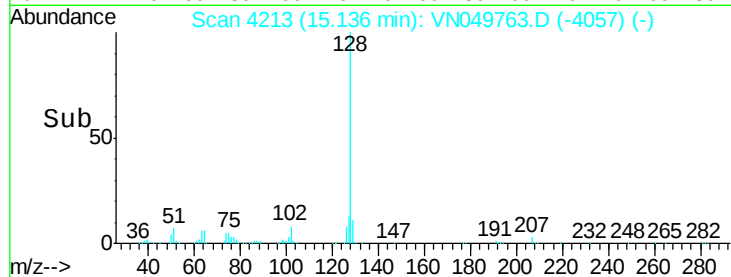
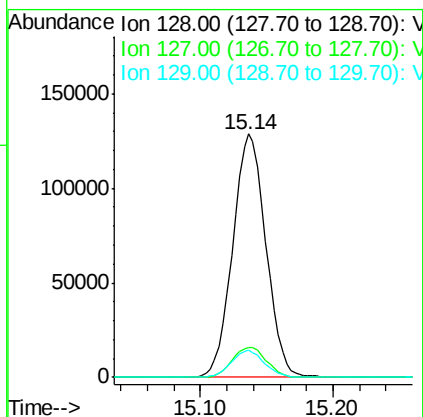
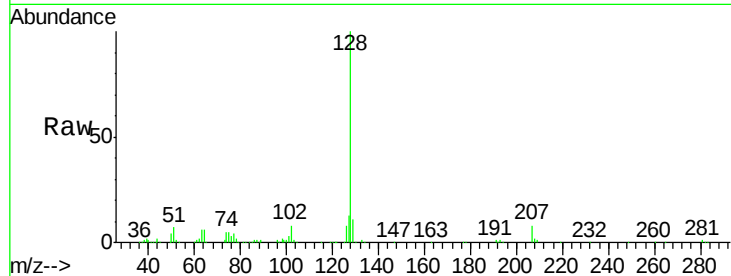
Tgt Ion:225 Resp: 98639
 Ion Ratio Lower Upper
 225 100
 223 61.6 0.0 124.4
 227 65.5 0.0 133.0





#91
Naphthalene
Concen: 6.269 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049763.D
Acq: 11 Jul 2018 18:12

Tgt Ion:128 Resp: 223245
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.0 9.0 13.4



#92
1,2,3-Trichlorobenzene
Concen: 7.712 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. -0.00 min
Lab File: VN049763.D
Acq: 11 Jul 2018 18:12

Tgt Ion:180 Resp: 125013
Ion Ratio Lower Upper
180 100
182 96.1 0.0 188.8
145 30.9 0.0 60.8

