

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071118\
 Data File : VN049764.D
 Acq On : 11 Jul 2018 18:37
 Operator : MD\SY
 Sample : VN0711WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 12 02:36:01 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	246034	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	1332296	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	1174415	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	506997	30.48	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.60%
60) 4-Bromofluorobenzene	12.40	95	529515	29.21	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.37%
63) Toluene-d8	10.09	98	1676022	30.54	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.80%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.85	85	406539	22.08	ug/l	97
3) Chloromethane	2.06	50	398590	20.95	ug/l	98
4) Vinyl Chloride	2.18	62	424174	21.07	ug/l	99
5) Bromomethane	2.57	94	238807	19.65	ug/l	95
6) Chloroethane	2.70	64	244577	20.93	ug/l	99
7) Trichlorofluoromethane	3.01	101	541573	21.26	ug/l	99
8) Diethyl Ether	3.41	74	178715	20.54	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	324249	21.14	ug/l	99
10) 1,1-Dichloroethene	3.74	96	290195	20.54	ug/l	97
11) Methyl Iodide	3.96	142	422887	20.14	ug/l	97
12) Methyl Acetate	4.33	43	290690	21.06	ug/l	98
13) Acrolein	3.61	56	118585	82.15	ug/l	99
14) Acrylonitrile	4.99	53	497147	100.41	ug/l	98
15) Acetone	3.82	58	118437	94.82	ug/l	99
16) Carbon Disulfide	4.05	76	892197	20.43	ug/l	99
17) Allyl chloride	4.33	41	443563	19.89	ug/l	100
18) Methylene Chloride	4.55	84	332093	19.82	ug/l	98
19) trans-1,2-Dichloroethene	5.05	96	310180	20.80	ug/l	98
20) Diisopropyl ether	5.96	45	934855	20.77	ug/l	98
21) 1,1-Dichloroethane	5.85	63	586244	21.21	ug/l	97
22) cis-1,2-Dichloroethene	6.83	96	342610	20.63	ug/l	99
23) tert-Butyl Alcohol	4.81	59	104493m	100.76	ug/l	
24) Methyl tert-Butyl Ether	5.05	73	763588	20.32	ug/l	100
25) Chloroform	7.37	83	584869	20.96	ug/l	98
26) Cyclohexane	7.66	56	465032	19.93	ug/l #	99
29) 1,1-Dichloropropene	7.80	75	433860	20.46	ug/l	99
30) 2-Butanone	6.84	43	564752	95.62	ug/l	99
31) 2,2-Dichloropropane	6.83	77	439703	19.34	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	504852	20.72	ug/l	99
33) Carbon Tetrachloride	7.78	117	442516	20.48	ug/l	98
34) Benzene	8.05	78	1311860	20.63	ug/l	98
35) Methacrylonitrile	7.18	41	130828	19.39	ug/l	90
36) 1,2-Dichloroethane	8.13	62	421196	20.75	ug/l	99
37) Trichloroethene	8.84	130	337838	20.39	ug/l	99
38) Methylcyclohexane	9.08	83	447096	19.57	ug/l	99
39) 1,2-Dichloropropane	9.12	63	343391	20.80	ug/l	99
40) Dibromomethane	9.21	93	207211	20.88	ug/l	100

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 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 12 02:36:01 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)
41) Bromodichloromethane	9.41	83	439391	20.58	ug/l	100
42) Vinyl Acetate	5.90	43	3112327	99.30	ug/l	100
43) Ethyl Acetate	6.94	43	255885	20.52	ug/l #	92
44) Isopropyl Acetate	8.17	43	476868	20.45	ug/l	98
45) 1,4-Dioxane	9.20	88	59454	387.24	ug/l	98
46) Methyl methacrylate	9.20	41	224736	19.22	ug/l	100
47) n-amyl Acetate	12.07	43	366241	18.64	ug/l	99
48) t-1,3-Dichloropropene	10.38	75	420059	19.53	ug/l	100
49) cis-1,3-Dichloropropene	9.84	75	490698	19.82	ug/l	99
50) 1,1,2-Trichloroethane	10.56	97	299991	20.78	ug/l	99
51) Ethyl methacrylate	10.43	69	338835	19.24	ug/l	98
52) 1,3-Dichloropropane	10.71	76	485237	20.47	ug/l	100
53) Dibromochloromethane	10.90	129	324835	19.90	ug/l	98
54) 1,2-Dibromoethane	11.01	107	280426	19.99	ug/l	98
55) 2-Chloroethyl vinyl ether	9.70	63	825959	92.09	ug/l	100
56) Bromoform	12.13	173	218238	19.52	ug/l	99
58) 4-Methyl-2-Pentanone	9.99	43	1298842	101.73	ug/l	99
59) 2-Hexanone	10.76	43	833192	96.95	ug/l	99
61) Tetrachloroethene	10.63	164	305716	20.75	ug/l	96
62) Toluene	10.16	91	1403807	20.86	ug/l	100
64) Chlorobenzene	11.44	112	849246	20.56	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.51	131	325690	20.78	ug/l	99
66) Ethyl Benzene	11.51	91	1421295	20.13	ug/l	99
67) m/p-Xylenes	11.62	106	1102839	40.60	ug/l	100
68) o-Xylene	11.95	106	524344	20.20	ug/l	100
69) Styrene	11.97	104	823809	19.89	ug/l	99
70) Isopropylbenzene	12.25	105	1405311	20.42	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.51	83	355838	20.14	ug/l	99
72) 1,2,3-Trichloropropane	12.56	75	286015m	20.22	ug/l	
73) Bromobenzene	12.53	156	359487	19.92	ug/l	99
74) n-propylbenzene	12.59	91	1602707	20.12	ug/l	99
75) 2-Chlorotoluene	12.68	91	974889	20.40	ug/l	100
76) 1,3,5-Trimethylbenzene	12.73	105	1156169	20.67	ug/l	99
77) t-1,4-Dichloro-2-butene	12.30	75	88862	17.92	ug/l	96
78) 4-Chlorotoluene	12.78	91	950411	19.94	ug/l	100
79) tert-butylbenzene	13.00	119	971887	20.02	ug/l	99
80) 1,2,4-Trimethylbenzene	13.04	105	1160526	20.55	ug/l	100
81) sec-Butylbenzene	13.17	105	1313742	20.15	ug/l	100
82) p-Isopropyltoluene	13.29	119	1128851	20.02	ug/l	100
83) 1,3-Dichlorobenzene	13.29	146	616995	19.71	ug/l	99
84) 1,4-Dichlorobenzene	13.37	146	586785	19.56	ug/l	99
85) n-Butylbenzene	13.62	91	865825	18.86	ug/l	100
86) Hexachloroethane	13.88	117	211075	19.68	ug/l	97
87) 1,2-Dichlorobenzene	13.65	146	621455	20.61	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	53173	20.21	ug/l	97
89) 1,2,4-Trichlorobenzene	14.91	180	286555	18.82	ug/l	99
90) Hexachlorobutadiene	15.01	225	191719	19.78	ug/l	97
91) Naphthalene	15.14	128	583111	17.37	ug/l	99
92) 1,2,3-Trichlorobenzene	15.32	180	303590	19.87	ug/l	99

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ALS Vial : 12 Sample Multiplier: 1

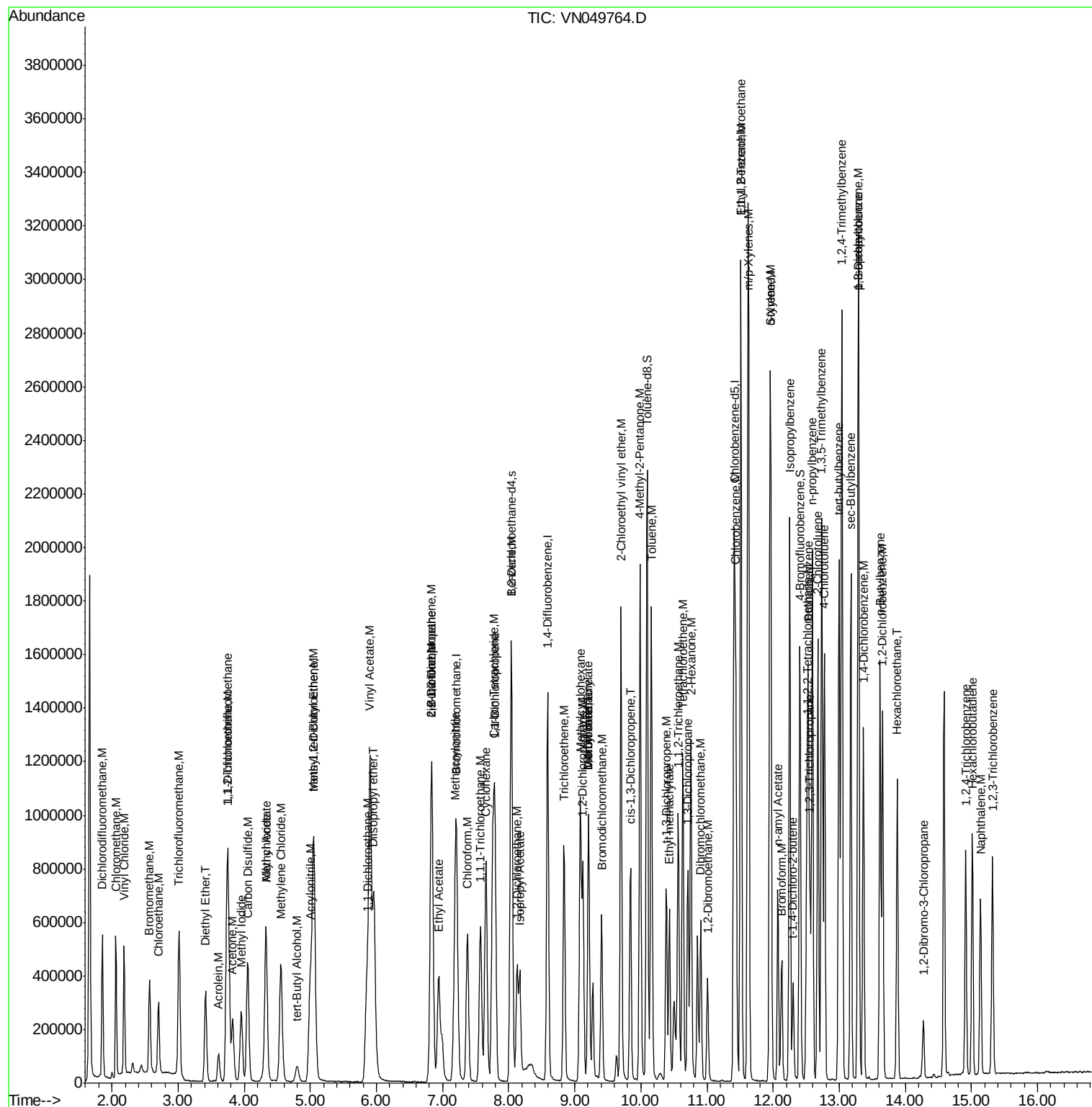
Quant Time: Jul 12 02:36:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071118W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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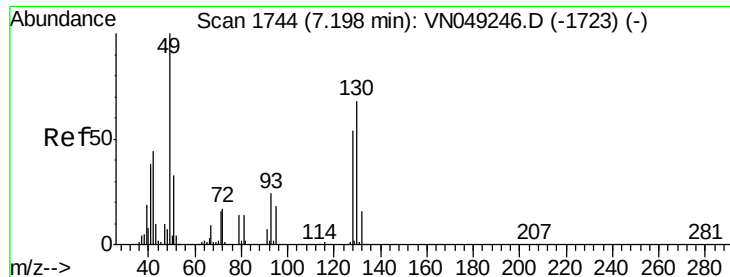
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071118\
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Quant Time: Jul 12 02:36:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071118W.M
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QLast Update : Thu Jul 12 01:52:12 2018
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#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.20 min Scan# 1745

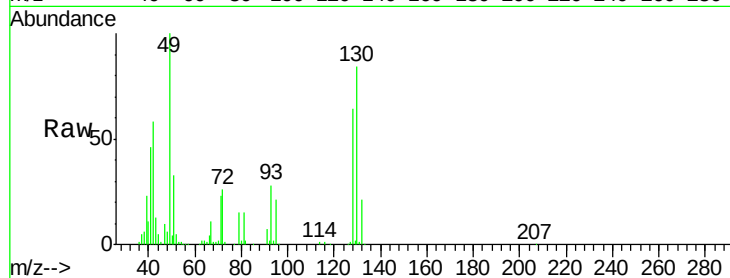
Delta R.T. 0.00 min

Lab File: VN049764.D

Acq: 11 Jul 2018 18:37

Tot Ion:128 Resp: 246034

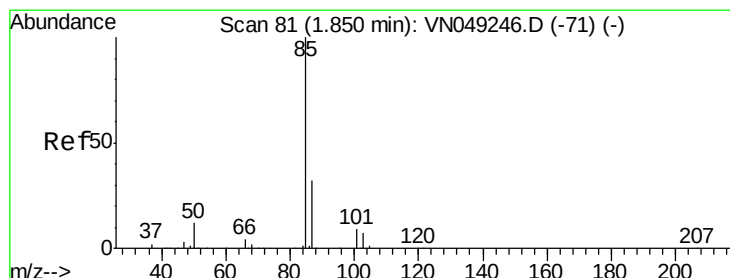
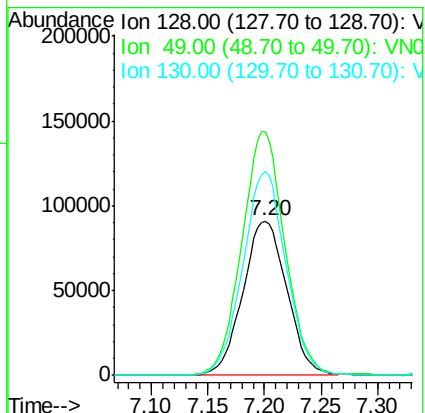
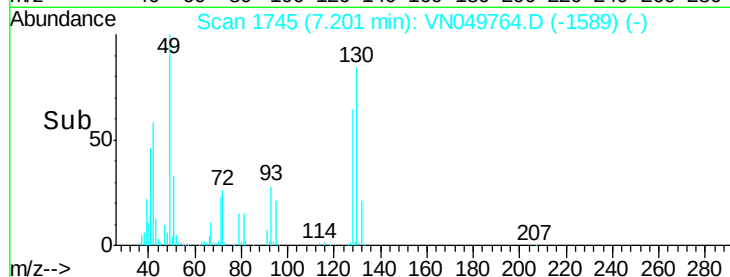
Ion	Ratio	Lower	Upper
128	100		
49	154.4	0.0	378.3
130	130.0	0.0	320.7



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: 22.08 ug/l

RT: 1.85 min Scan# 82

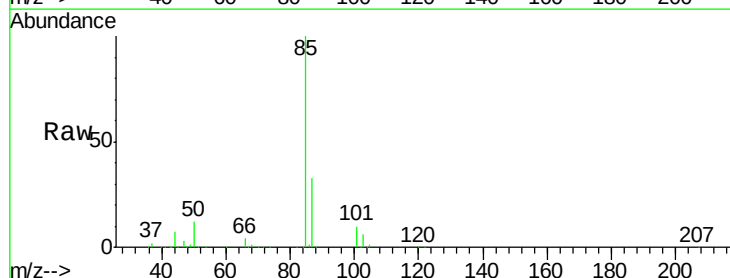
Delta R.T. -0.00 min

Lab File: VN049764.D

Acq: 11 Jul 2018 18:37

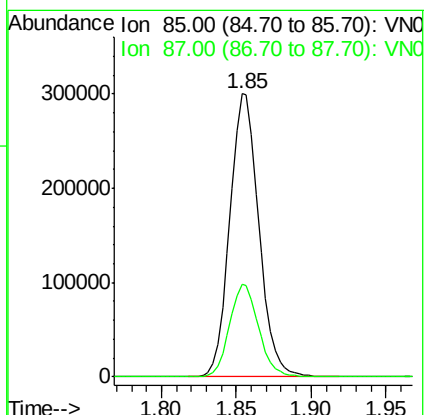
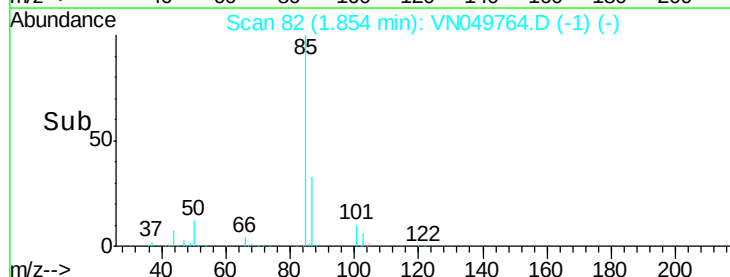
Tgt Ion: 85 Resp: 406539

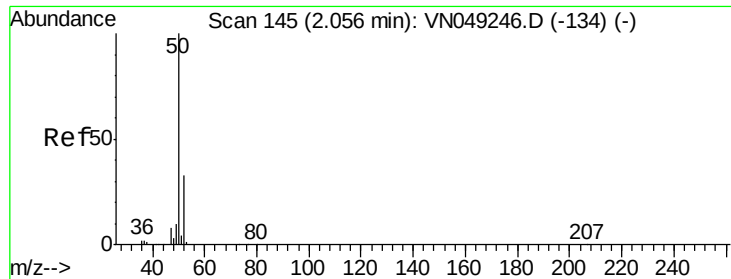
Ion	Ratio	Lower	Upper
85	100		
87	32.7	15.4	46.4



Abundance Ion 85.00 (84.70 to 85.70): V

Ion 87.00 (86.70 to 87.70): V





#3

Chloromethane

Concen: 20.95 ug/l

RT: 2.06 min Scan# 146

Delta R.T. -0.00 min

Lab File: VN049764.D

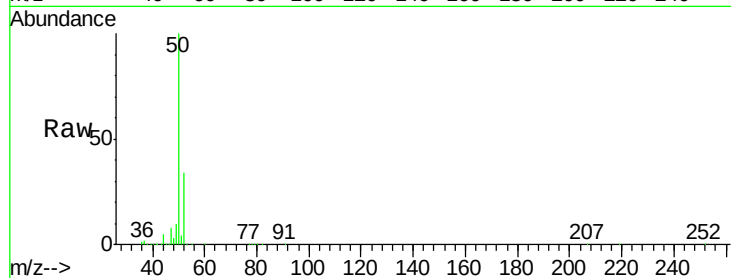
Acq: 11 Jul 2018 18:37

Tot Ion: 50 Resp: 398590

Ion Ratio Lower Upper

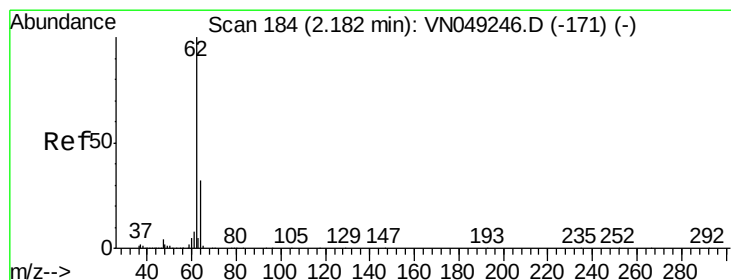
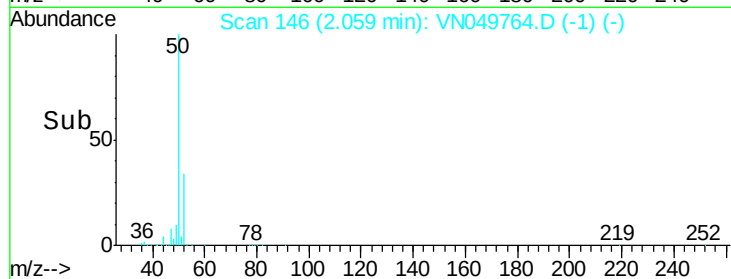
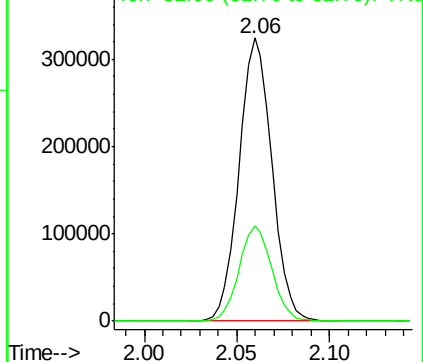
50 100

52 33.6 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: 21.07 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN049764.D

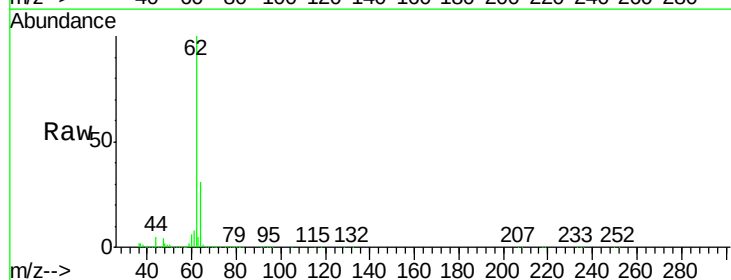
Acq: 11 Jul 2018 18:37

Tgt Ion: 62 Resp: 424174

Ion Ratio Lower Upper

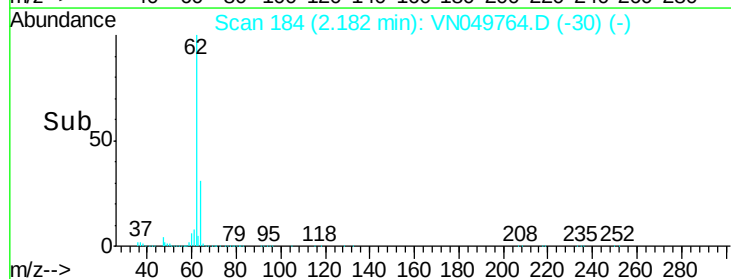
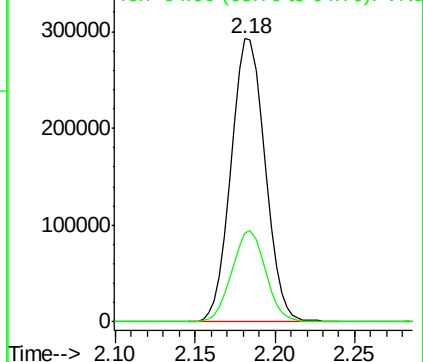
62 100

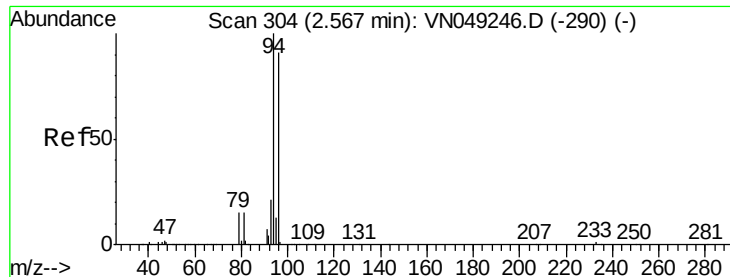
64 31.1 24.4 36.6



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0





#5

Bromomethane

Concen: 19.65 ug/l

RT: 2.57 min Scan# 304

Delta R.T. -0.00 min

Lab File: VN049764.D

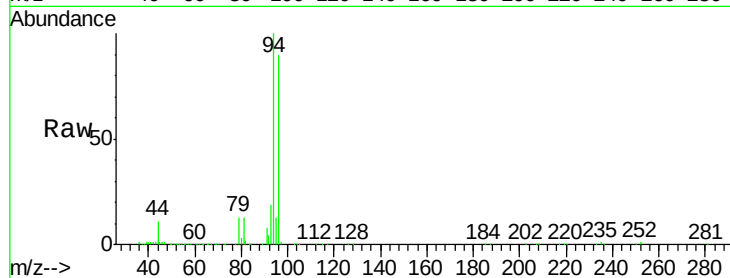
Acq: 11 Jul 2018 18:37

Tot Ion: 94 Resp: 238807

Ion Ratio Lower Upper

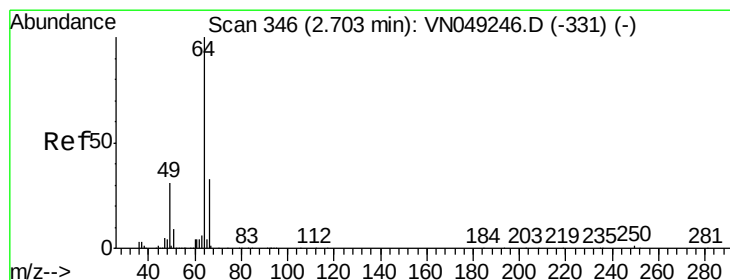
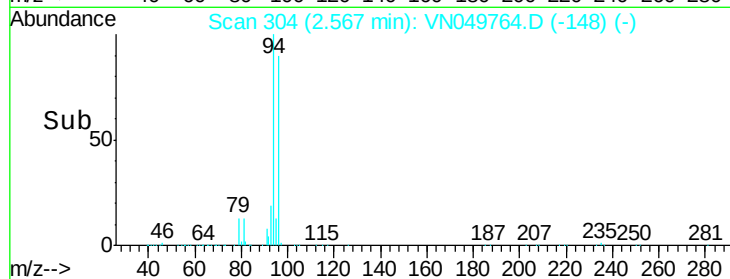
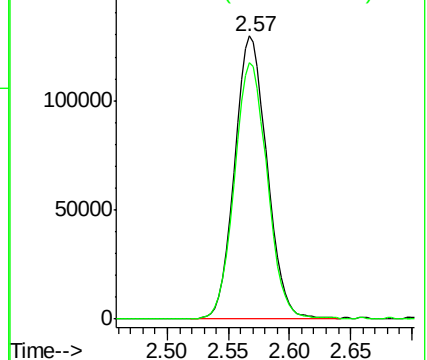
94 100

96 90.3 75.9 113.9



Abundance Ion 94.00 (93.70 to 94.70): VN049764.D (-148) (-)

Ion 96.00 (95.70 to 96.70): VN049764.D (-148) (-)



#6

Chloroethane

Concen: 20.93 ug/l

RT: 2.70 min Scan# 346

Delta R.T. -0.00 min

Lab File: VN049764.D

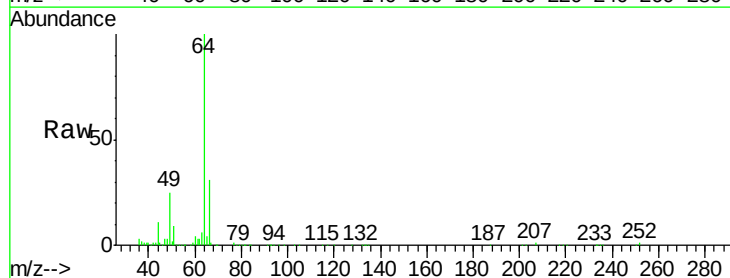
Acq: 11 Jul 2018 18:37

Tgt Ion: 64 Resp: 244577

Ion Ratio Lower Upper

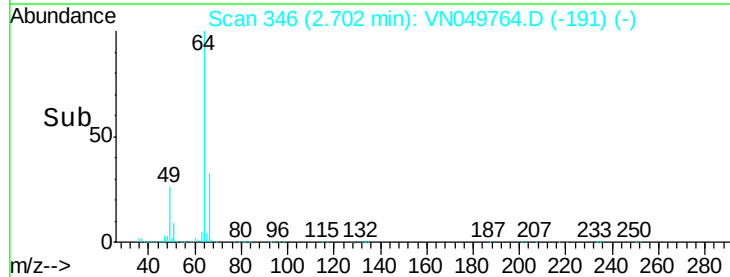
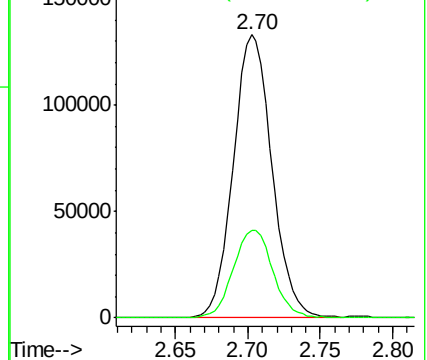
64 100

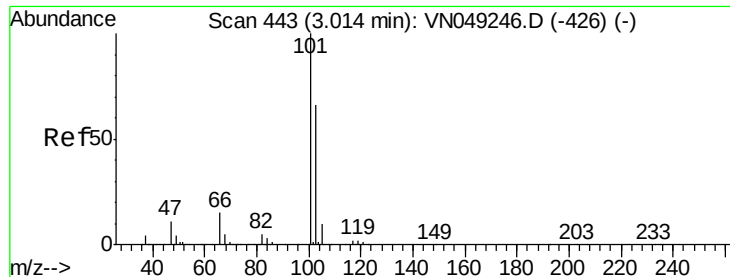
66 30.8 25.0 37.4



Abundance Ion 64.00 (63.70 to 64.70): VN049764.D (-191) (-)

Ion 66.00 (65.70 to 66.70): VN049764.D (-191) (-)

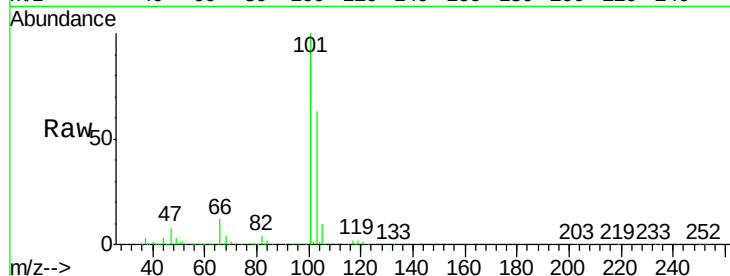




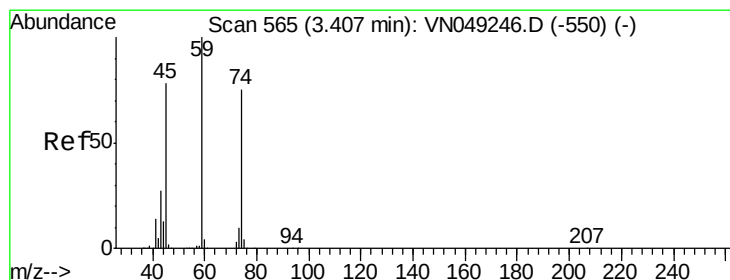
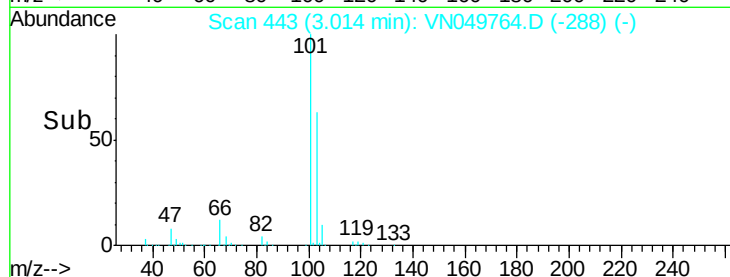
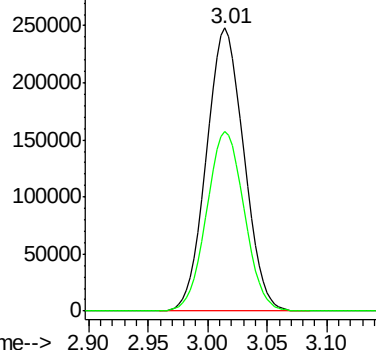
#7

Trichlorofluoromethane
 Concen: 21.26 ug/l
 RT: 3.01 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: VN049764.D
 Acq: 11 Jul 2018 18:37

Tot Ion	101	Resp	541573
Ion	Ratio	Lower	Upper
101	100		
103	63.2	51.5	77.3



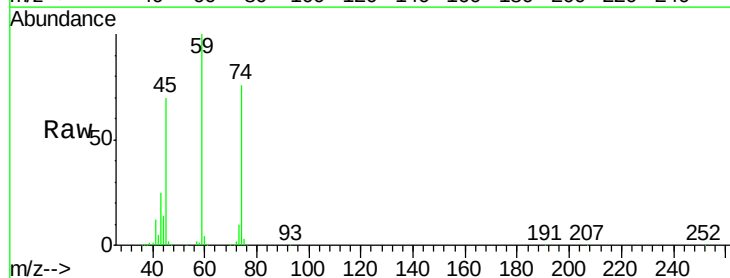
Abundance Ion 101.00 (100.70 to 101.70): V
 Ion 103.00 (102.70 to 103.70): V



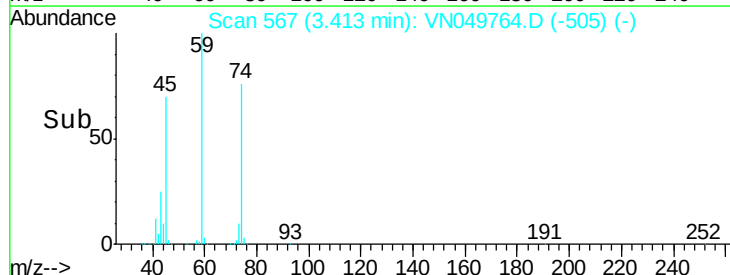
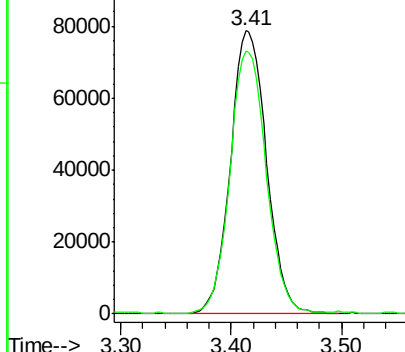
#8

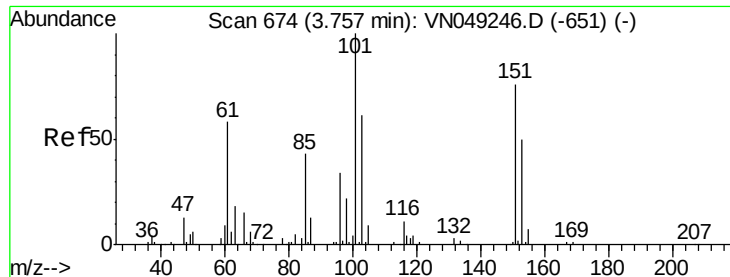
Diethyl Ether
 Concen: 20.54 ug/l
 RT: 3.41 min Scan# 567
 Delta R.T. -0.00 min
 Lab File: VN049764.D
 Acq: 11 Jul 2018 18:37

Tgt Ion	74	Resp	178715
Ion	Ratio	Lower	Upper
74	100		
45	93.6	18.7	167.9



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.14 ug/l

RT: 3.76 min Scan# 675

Delta R.T. 0.01 min

Lab File: VN049764.D

Acq: 11 Jul 2018 18:37

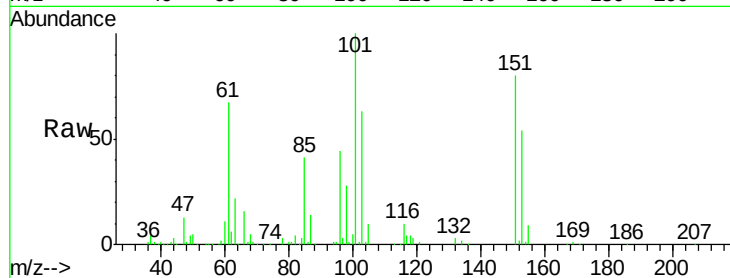
Tot Ion:101 Resp: 324249

Ion Ratio Lower Upper

101 100

85 42.1 0.0 83.0

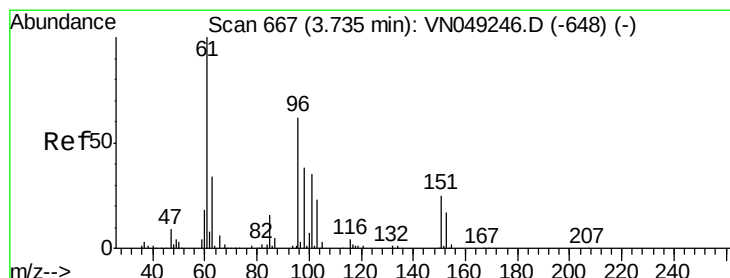
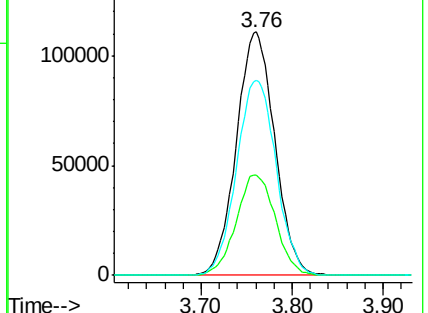
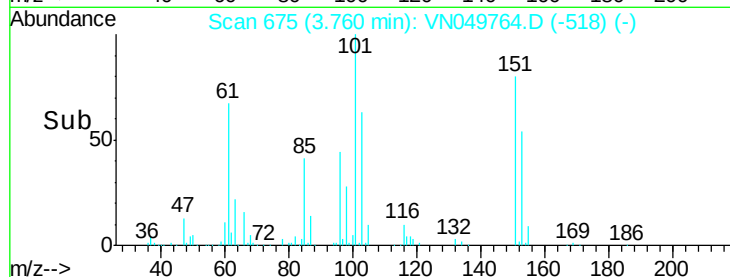
151 82.8 0.0 166.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 20.54 ug/l

RT: 3.74 min Scan# 668

Delta R.T. 0.00 min

Lab File: VN049764.D

Acq: 11 Jul 2018 18:37

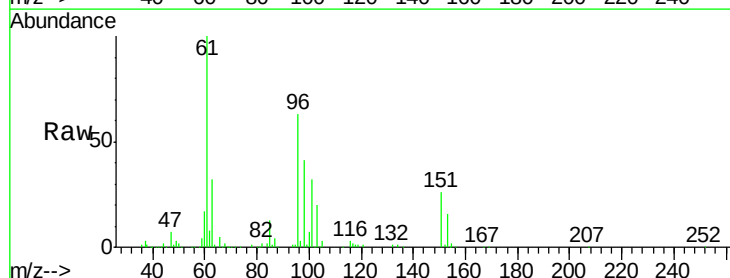
Tgt Ion: 96 Resp: 290195

Ion Ratio Lower Upper

96 100

61 158.2 130.6 195.8

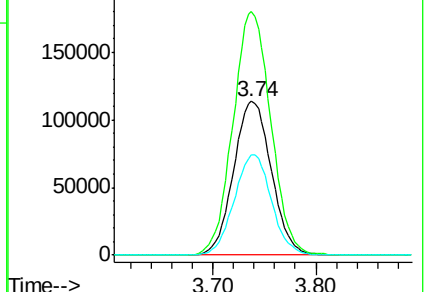
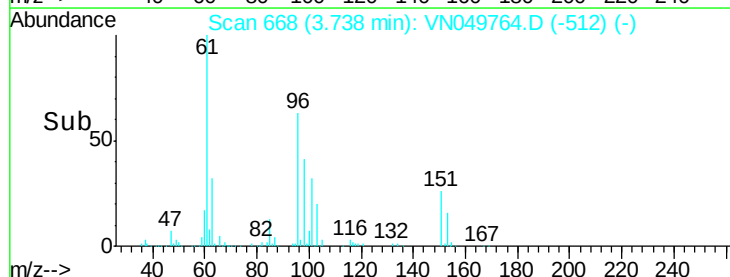
98 65.0 53.5 80.3

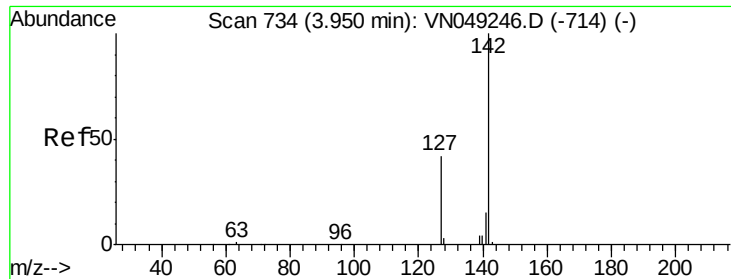


Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

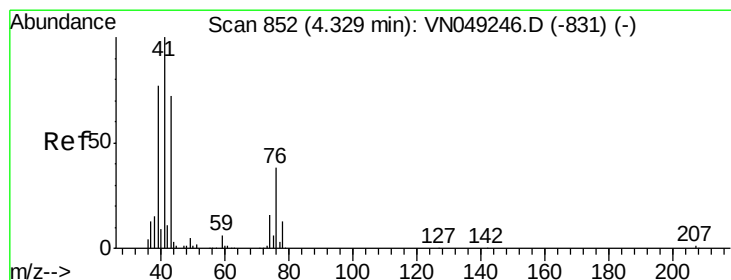
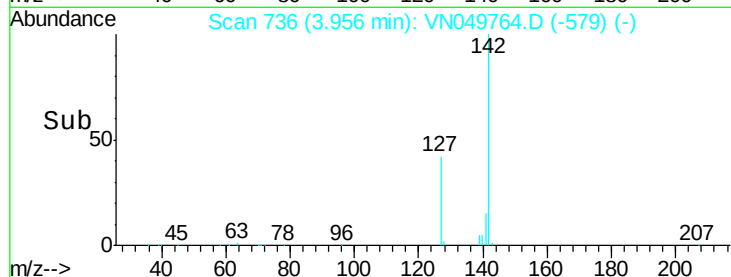
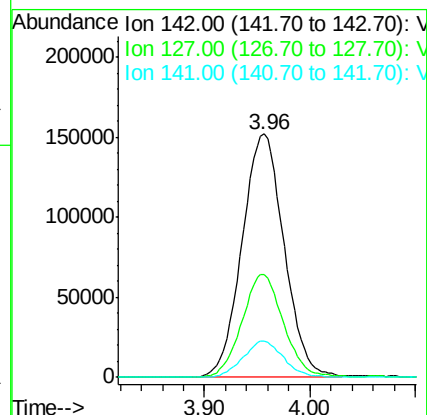
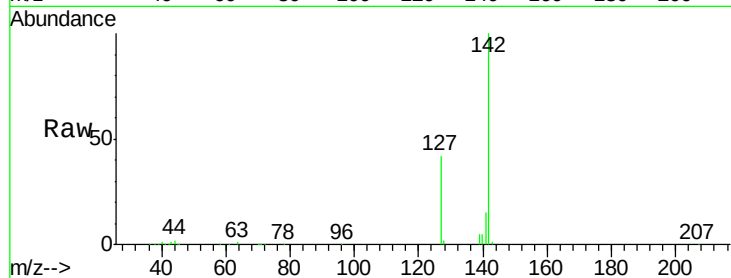
Ion 98.00 (97.70 to 98.70): VN0





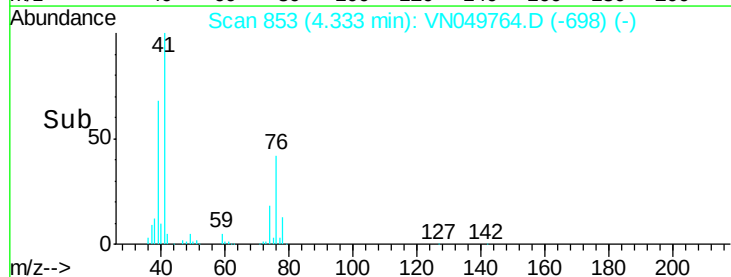
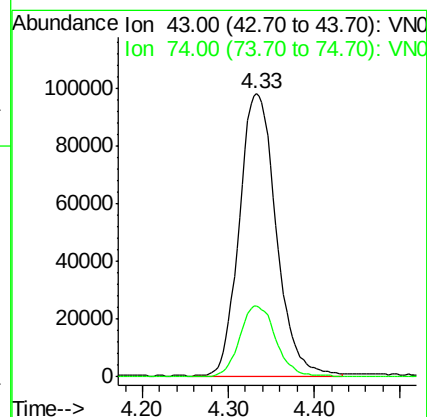
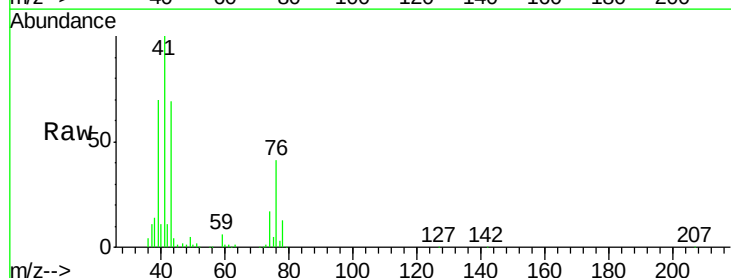
#11
Methvl Iodide
Concen: 20.14 ug/l
RT: 3.96 min Scan# 736
Delta R.T. 0.01 min
Lab File: VN049764.D
Acq: 11 Jul 2018 18:37

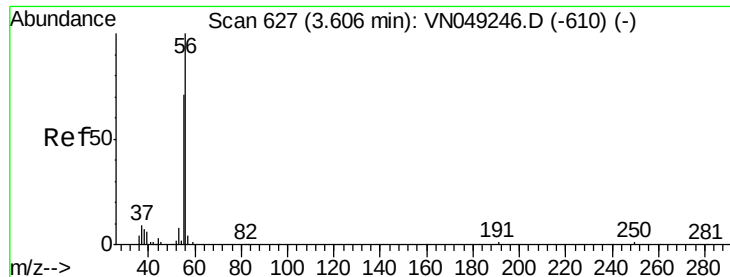
Tot Ion	Ratio	Lower	Upper
142	100		
127	42.3	20.2	60.5
141	14.7	6.9	20.6



#12
Methyl Acetate
Concen: 21.06 ug/l
RT: 4.33 min Scan# 853
Delta R.T. -0.00 min
Lab File: VN049764.D
Acq: 11 Jul 2018 18:37

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.3	19.3	28.9





#13

Acrolein

Concen: 82.15 ug/l

RT: 3.61 min Scan# 629

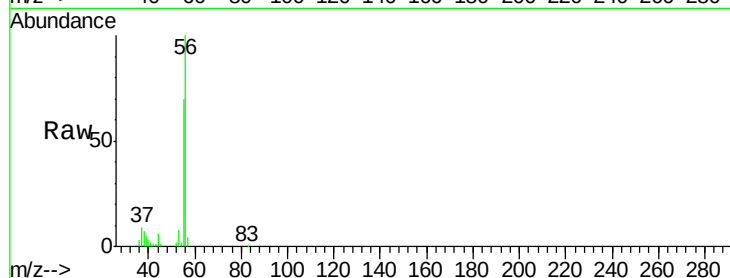
Delta R.T. 0.00 min

Lab File: VN049764.D

Acq: 11 Jul 2018 18:37

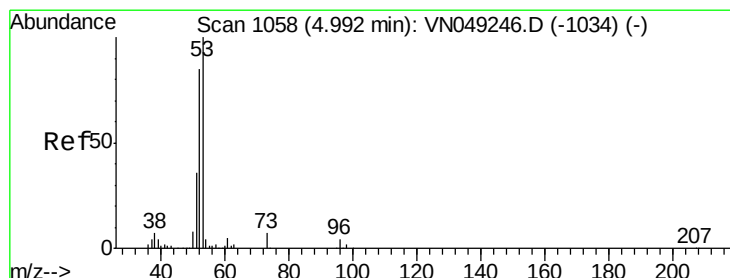
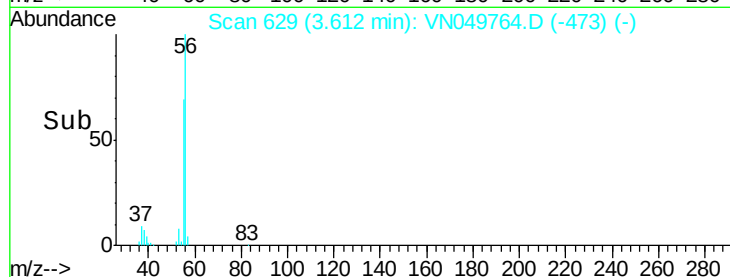
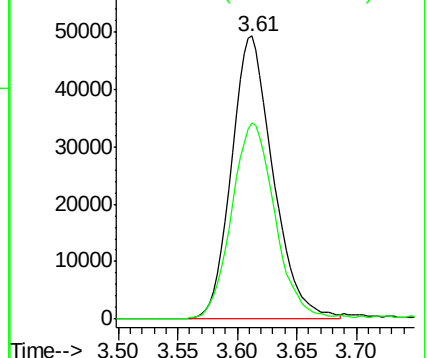
Tot Ion: 56 Resp: 118585

Ion	Ratio	Lower	Upper
56	100		
55	72.2	58.6	88.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Acrylonitrile

Concen: 100.41 ug/l

RT: 4.99 min Scan# 1059

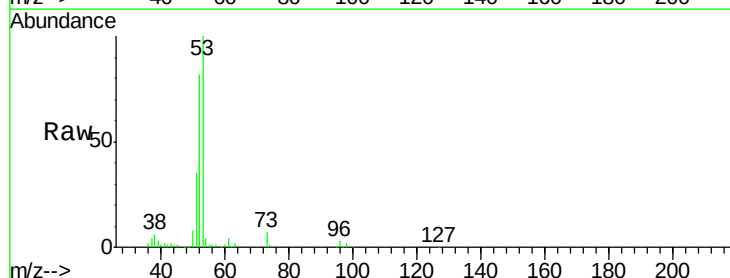
Delta R.T. -0.00 min

Lab File: VN049764.D

Acq: 11 Jul 2018 18:37

Tgt Ion: 53 Resp: 497147

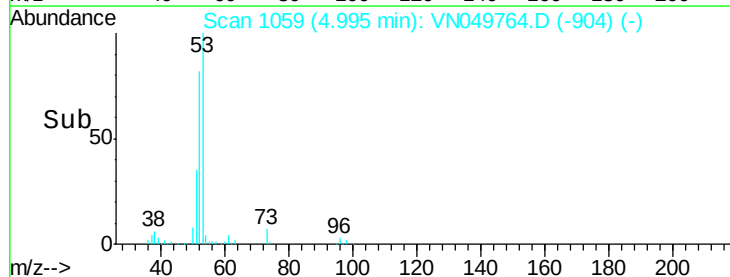
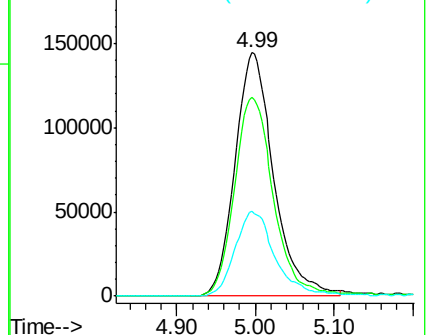
Ion	Ratio	Lower	Upper
53	100		
52	81.5	41.5	124.5
51	35.3	18.7	56.1

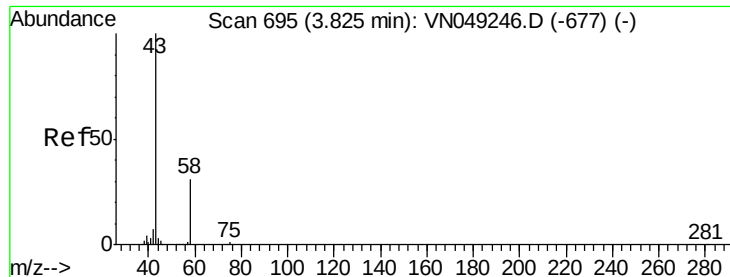


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#15

Acetone

Concen: 94.82 ug/l

RT: 3.82 min Scan# 695

Delta R.T. -0.00 min

Lab File: VN049764.D

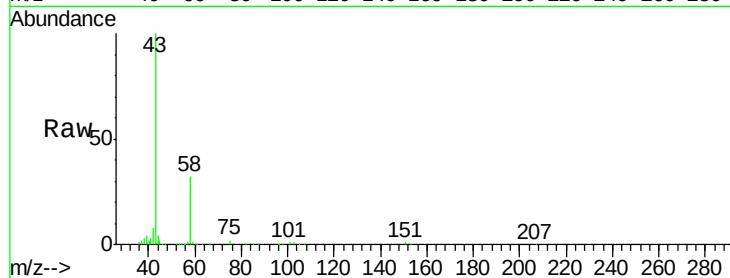
Acq: 11 Jul 2018 18:37

Tot Ion: 58 Resp: 118437

Ion Ratio Lower Upper

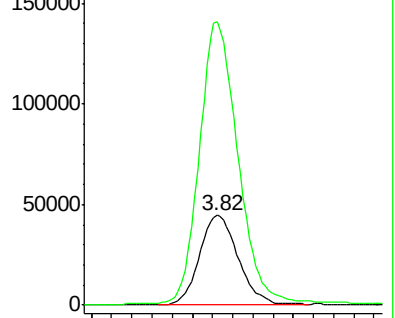
58 100

43 313.7 252.0 378.0

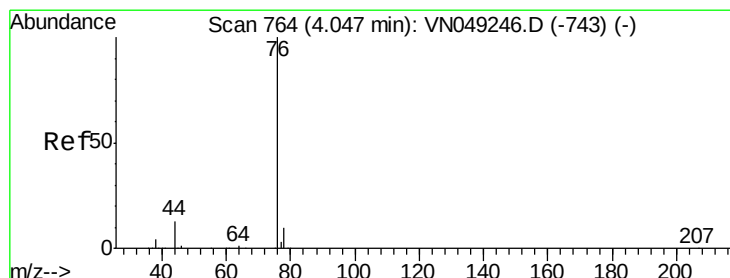
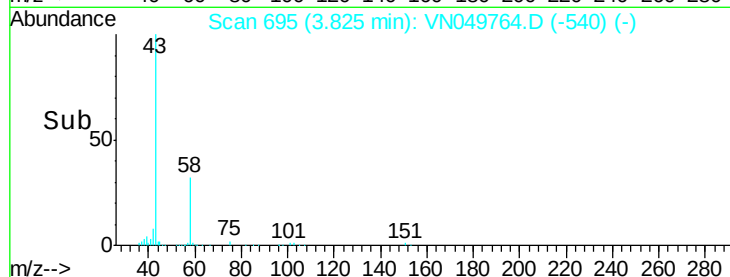


Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



Time--> 3.70 3.80 3.90



#16

Carbon Disulfide

Concen: 20.43 ug/l

RT: 4.05 min Scan# 766

Delta R.T. 0.00 min

Lab File: VN049764.D

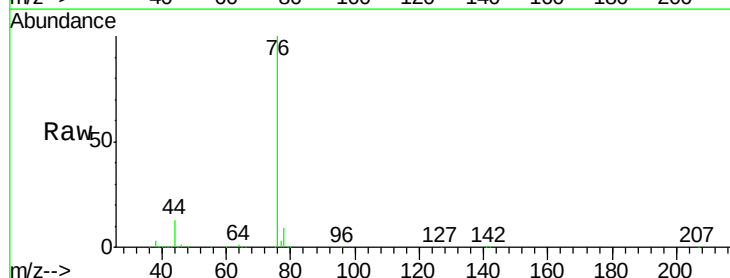
Acq: 11 Jul 2018 18:37

Tgt Ion: 76 Resp: 892197

Ion Ratio Lower Upper

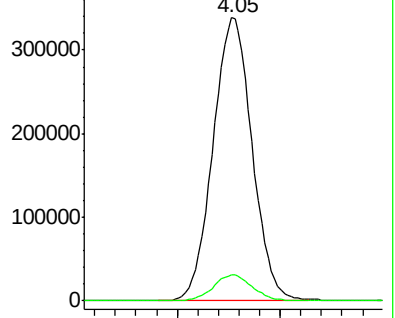
76 100

78 9.3 7.3 10.9

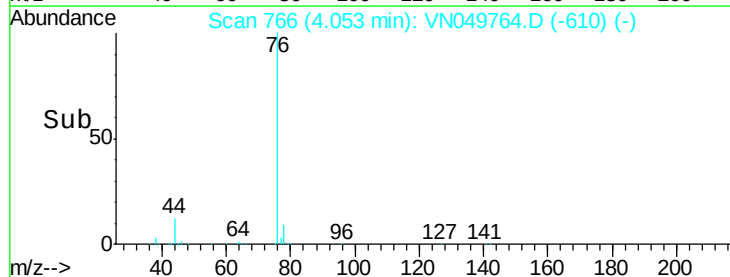


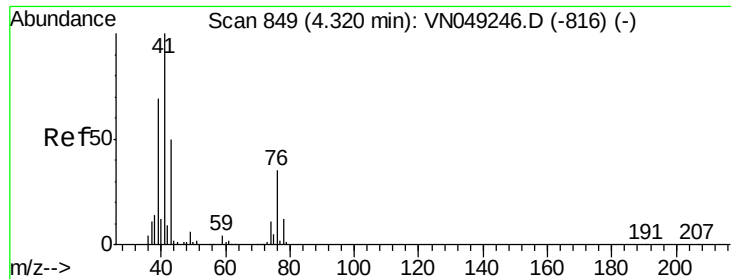
Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0



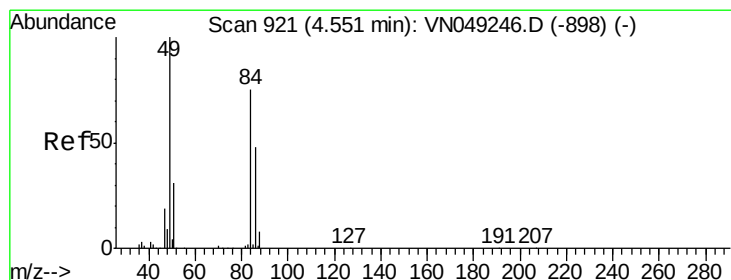
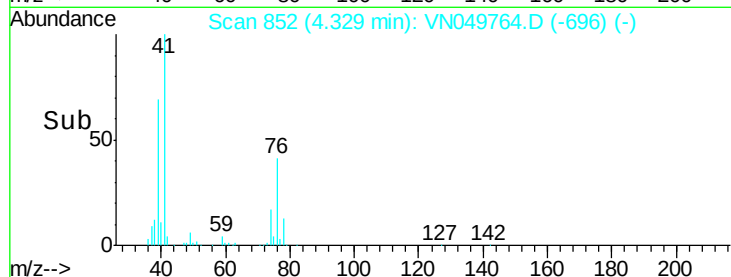
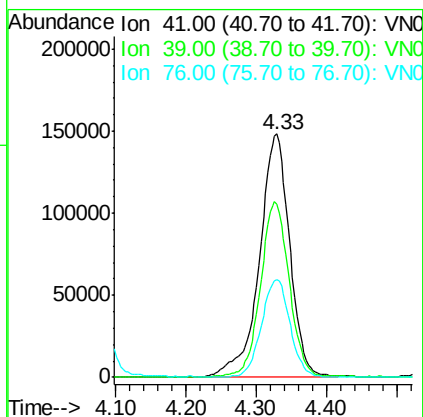
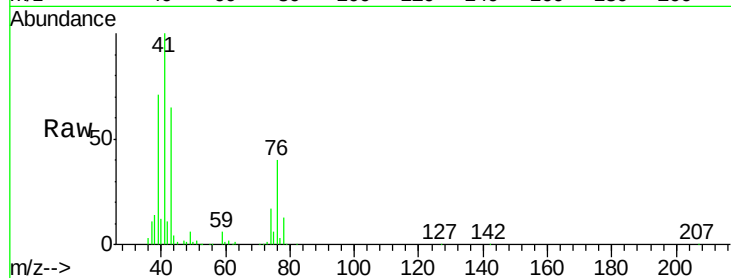
Time--> 4.00 4.10





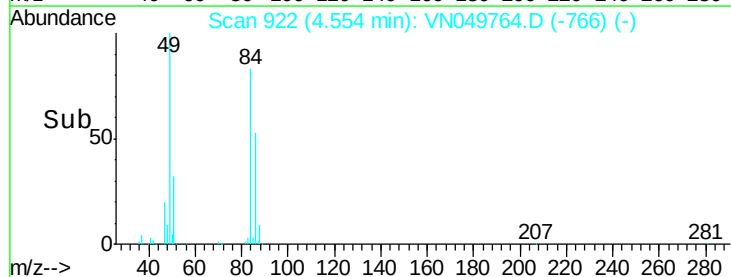
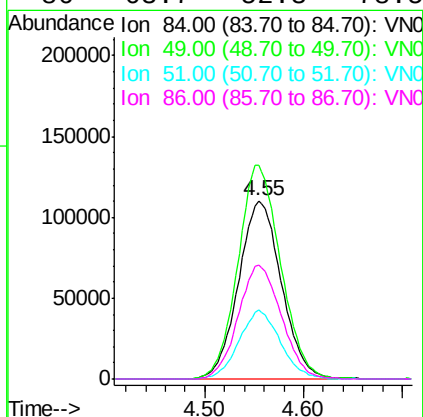
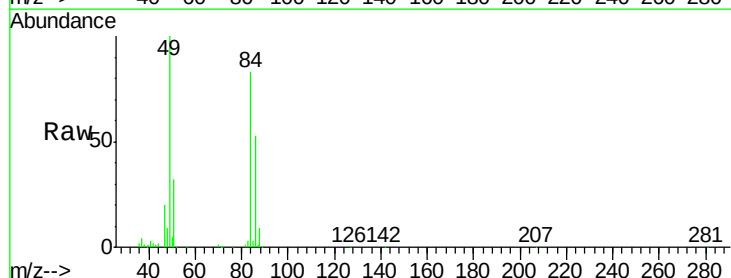
#17
Allvl chloride
Concen: 19.89 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049764.D
Acq: 11 Jul 2018 18:37

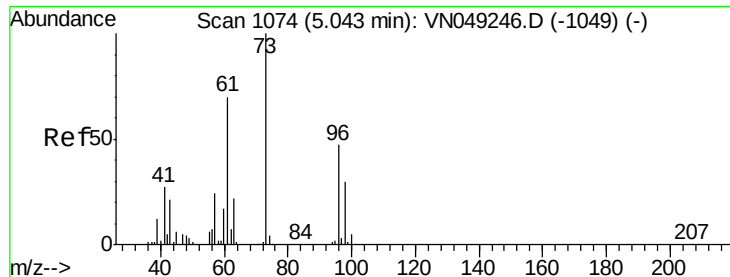
Tot Ion	Ratio	Lower	Upper
41	100		
39	71.1	35.4	106.3
76	39.9	19.7	59.1



#18
Methylene Chloride
Concen: 19.82 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN049764.D
Acq: 11 Jul 2018 18:37

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.5	95.1	142.7
51	38.4	28.8	43.2
86	63.7	52.3	78.5

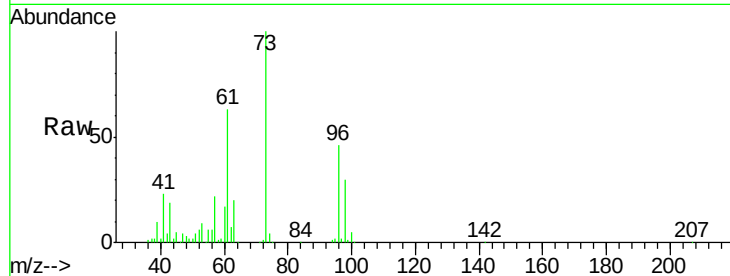




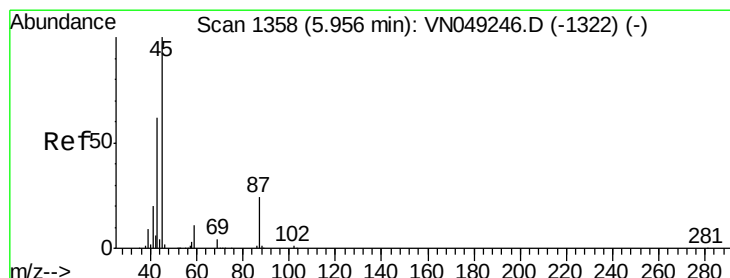
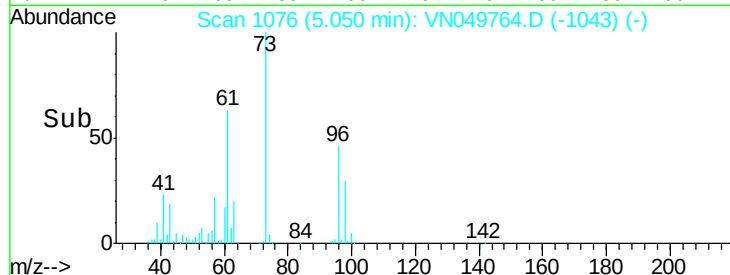
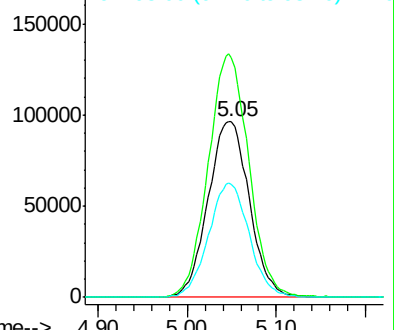
#19

trans-1,2-Dichloroethene
Concen: 20.80 ug/l
RT: 5.05 min Scan# 1076
Delta R.T. 0.01 min
Lab File: VN049764.D
Acq: 11 Jul 2018 18:37

Tot Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	136.5	112.1	168.1
98	98	64.1	51.3	76.9



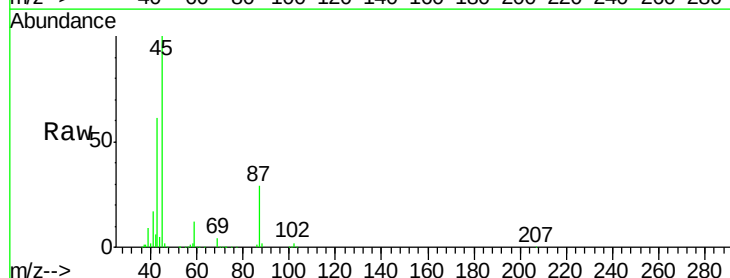
Abundance Ion 96.00 (95.70 to 96.70): VN049764.D (-1049) (-)



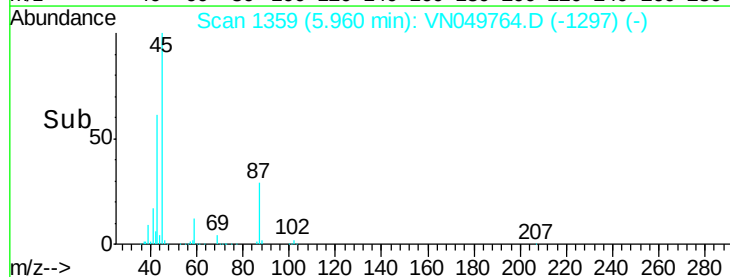
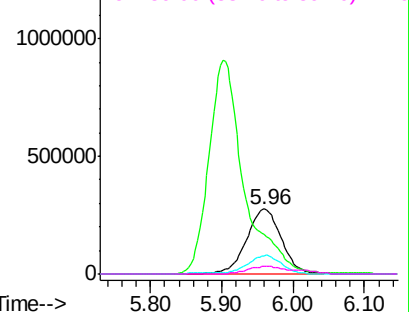
#20

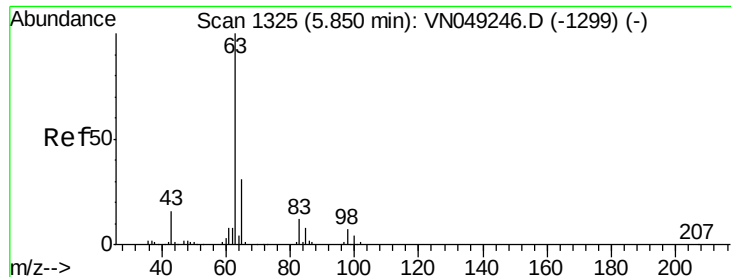
Diisopropyl ether
Concen: 20.77 ug/l
RT: 5.96 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VN049764.D
Acq: 11 Jul 2018 18:37

Tgt Ion	Ion	Ratio	Lower	Upper
45	45	100		
43	43	60.7	46.6	70.0
87	87	28.3	22.3	33.5
59	59	11.8	9.5	14.3



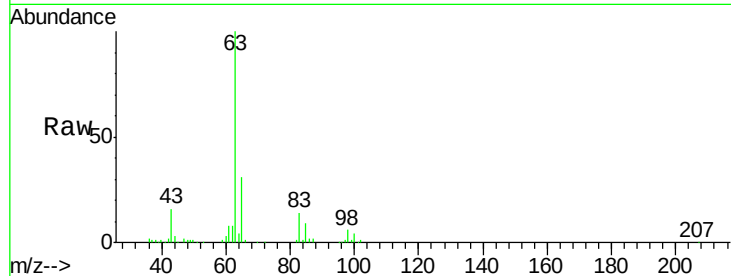
Abundance Ion 45.00 (44.70 to 45.70): VN049764.D (-1297) (-)



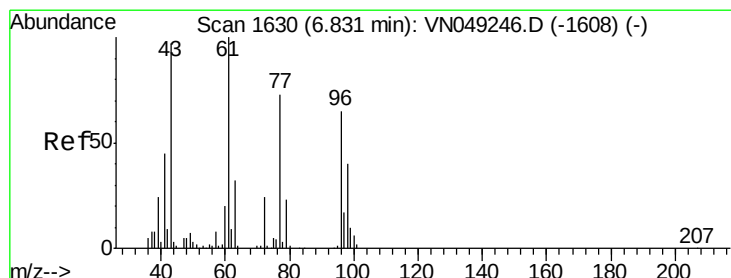
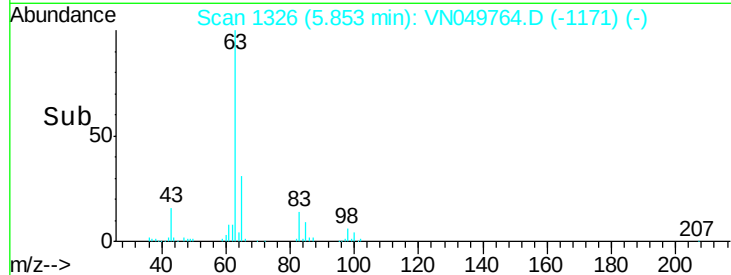
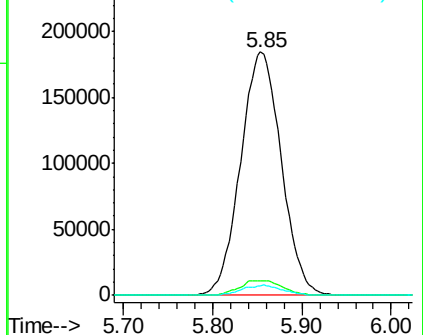


#21
 1,1-Dichloroethane
 Concen: 21.21 ug/l
 RT: 5.85 min Scan# 1326
 Delta R.T. -0.00 min
 Lab File: VN049764.D
 Acq: 11 Jul 2018 18:37

Tot Ion	Ratio	Lower	Upper
63	100		
98	5.9	3.5	10.6
100	4.1	2.3	6.8

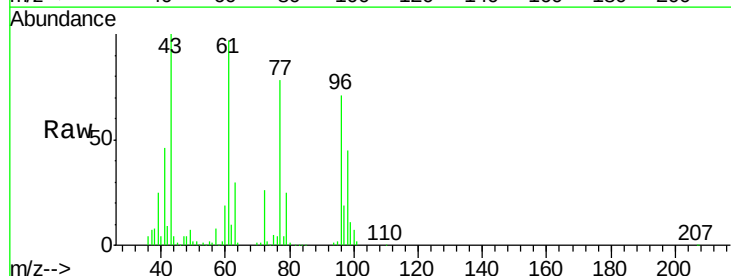


Abundance Ion 63.00 (62.70 to 63.70): VN049764.D (-1299) (-)
 Ion 98.00 (97.70 to 98.70): VN049764.D (-1299) (-)
 Ion 100.00 (99.70 to 100.70): VN049764.D (-1299) (-)

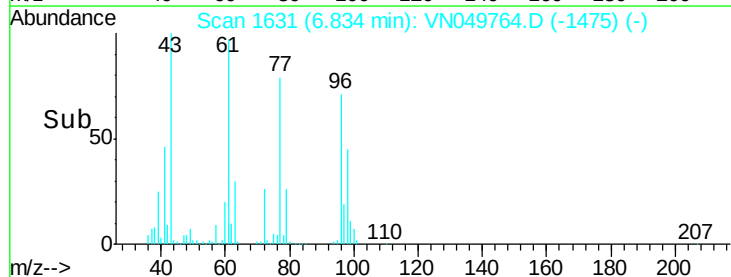
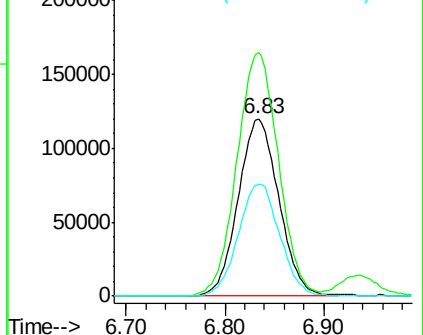


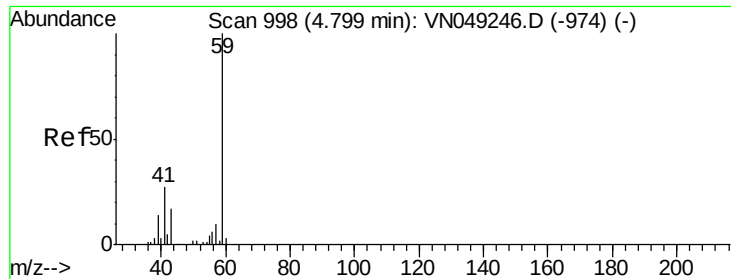
#22
 cis-1,2-Dichloroethene
 Concen: 20.63 ug/l
 RT: 6.83 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: VN049764.D
 Acq: 11 Jul 2018 18:37

Tgt Ion	Ratio	Lower	Upper
96	100		
61	140.4	114.2	171.2
98	64.1	51.7	77.5



Abundance Ion 96.00 (95.70 to 96.70): VN049764.D (-1608) (-)
 Ion 61.00 (60.70 to 61.70): VN049764.D (-1608) (-)
 Ion 98.00 (97.70 to 98.70): VN049764.D (-1608) (-)





#23

tert-Butyl Alcohol

Concen: 100.76 ug/l m

RT: 4.81 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN049764.D

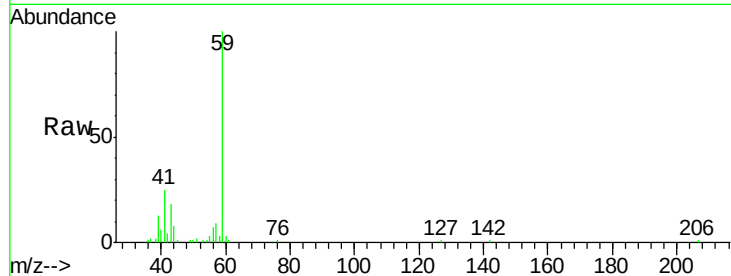
Acq: 11 Jul 2018 18:37

Tot Ion: 59 Resp: 104493

Ion Ratio Lower Upper

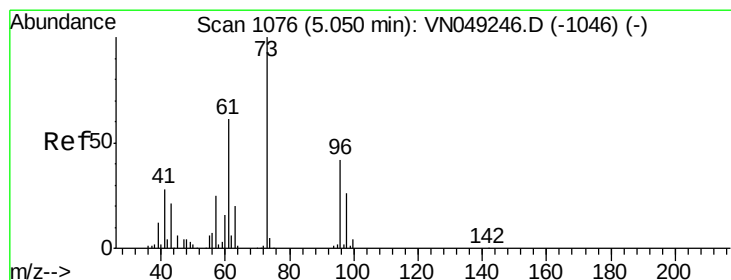
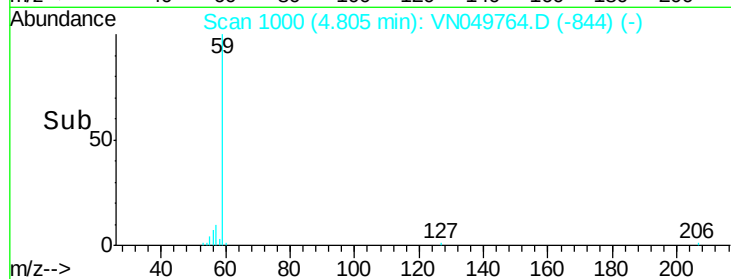
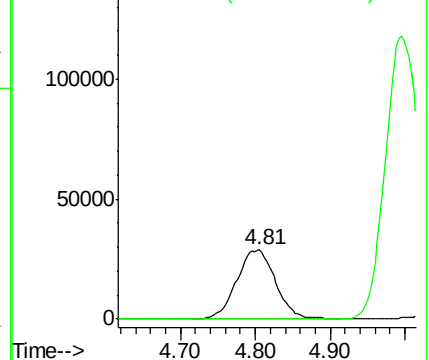
59 100

52 0.1 0.1 0.1#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#24

Methyl tert-Butyl Ether

Concen: 20.32 ug/l

RT: 5.05 min Scan# 1077

Delta R.T. -0.00 min

Lab File: VN049764.D

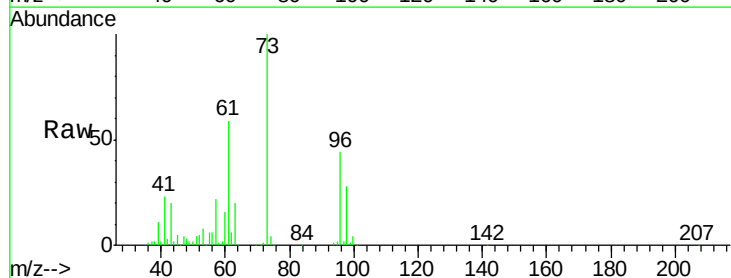
Acq: 11 Jul 2018 18:37

Tgt Ion: 73 Resp: 763588

Ion Ratio Lower Upper

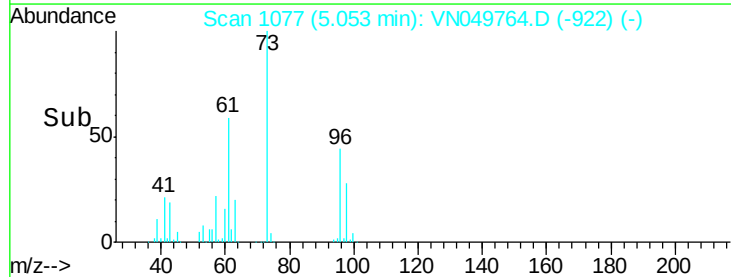
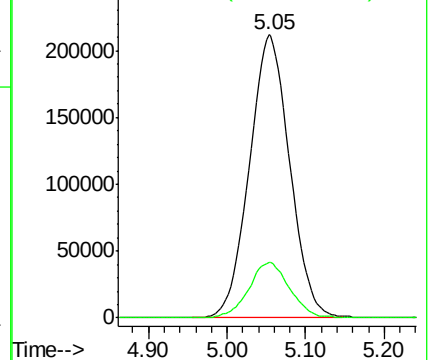
73 100

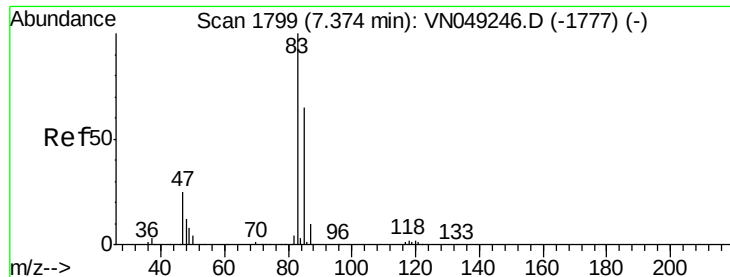
43 19.2 15.5 23.3



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 43.00 (42.70 to 43.70): VN0





#25

Chloroform

Concen: 20.96 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN049764.D

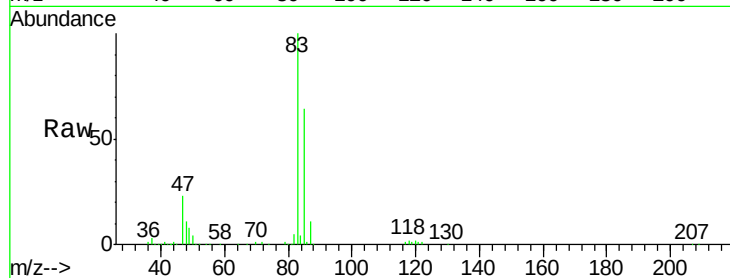
Acq: 11 Jul 2018 18:37

Tot Ion: 83 Resp: 584869

Ion Ratio Lower Upper

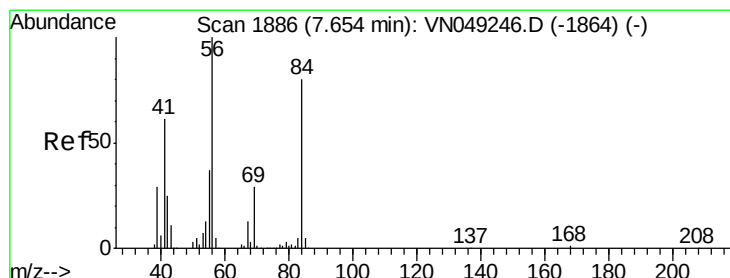
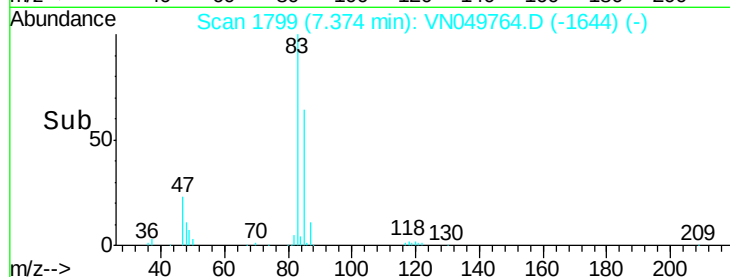
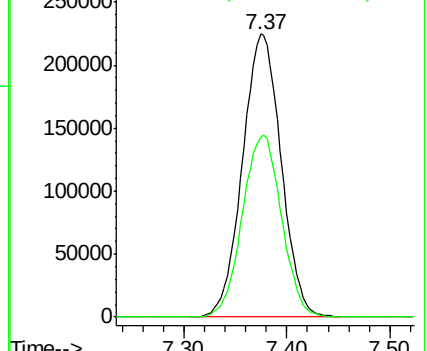
83 100

85 63.6 52.1 78.1



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0



#26

Cyclohexane

Concen: 19.93 ug/l

RT: 7.66 min Scan# 1887

Delta R.T. 0.00 min

Lab File: VN049764.D

Acq: 11 Jul 2018 18:37

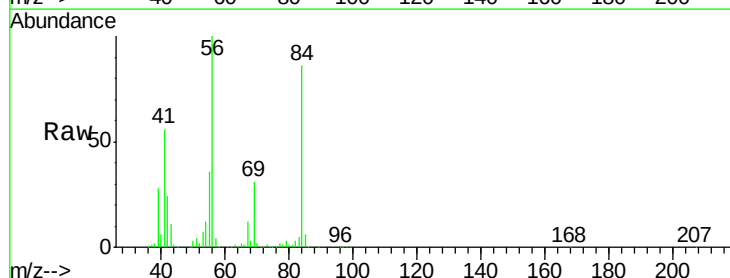
Tgt Ion: 56 Resp: 465032

Ion Ratio Lower Upper

56 100

89 0.2 3.0 4.4#

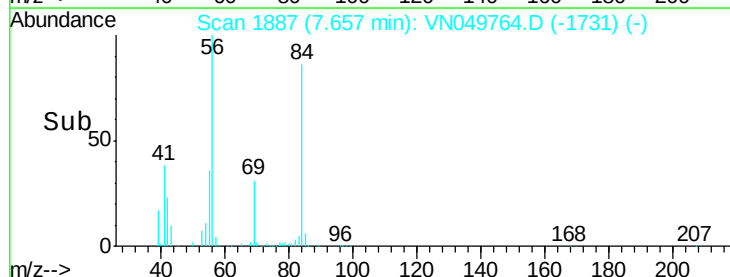
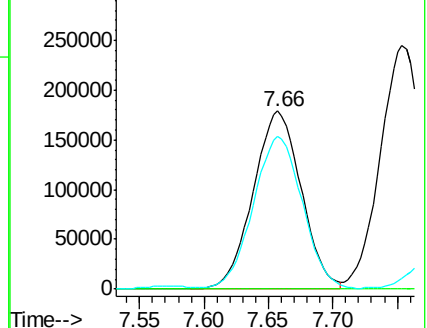
84 87.9 69.8 104.8

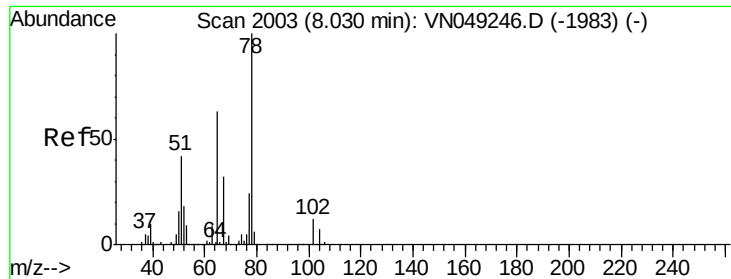


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 89.00 (88.70 to 89.70): VN0

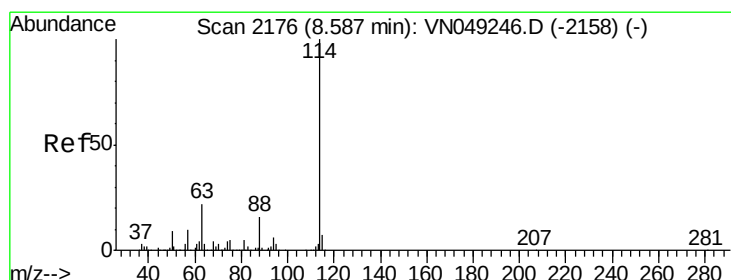
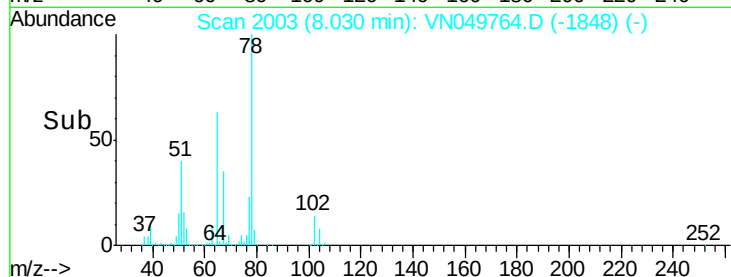
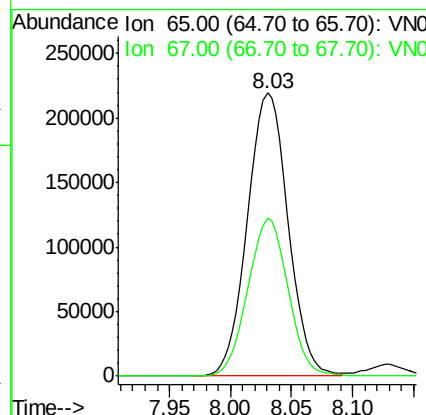
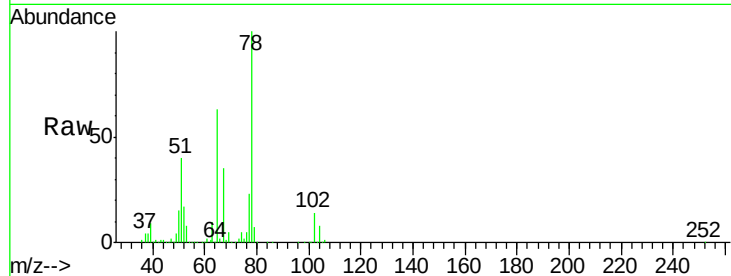
Ion 84.00 (83.70 to 84.70): VN0





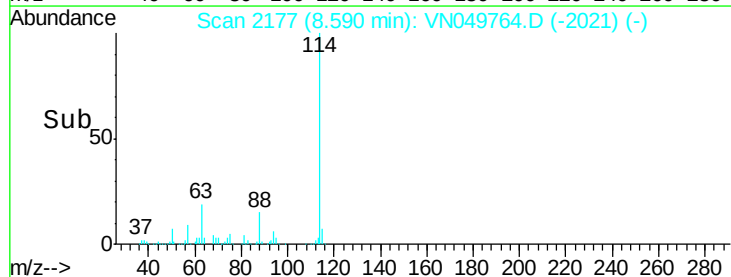
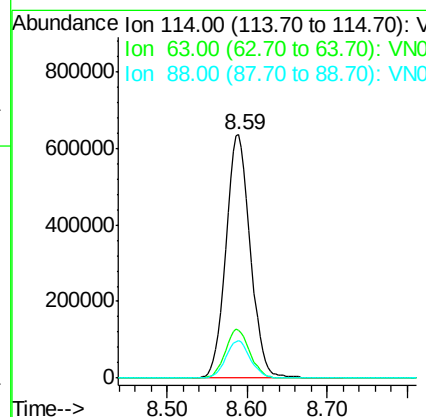
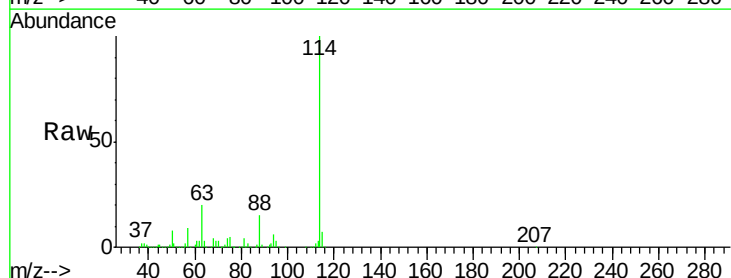
#27
 1,2-Dichloroethane-d4
 Concen: 30.48 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: VN049764.D
 Acq: 11 Jul 2018 18:37

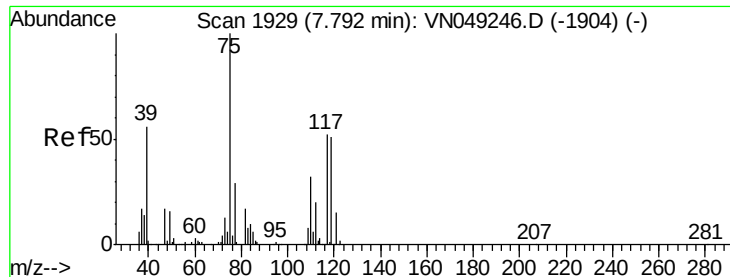
Tot Ion: 65 Resp: 506997
 Ion Ratio Lower Upper
 65 100
 67 55.0 42.7 64.1



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049764.D
 Acq: 11 Jul 2018 18:37

Tgt Ion: 114 Resp: 1332296
 Ion Ratio Lower Upper
 114 100
 63 20.0 16.2 24.2
 88 15.4 12.3 18.5





#29

1,1-Dichloropropene

Concen: 20.46 ug/l

RT: 7.80 min Scan# 1930

Delta R.T. 0.00 min

Lab File: VN049764.D

Acq: 11 Jul 2018 18:37

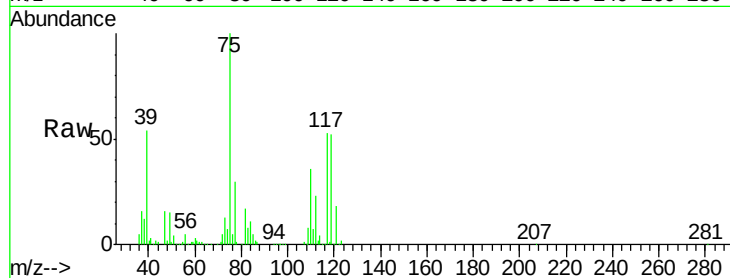
Tot Ion: 75 Resp: 433860

Ion Ratio Lower Upper

75 100

110 36.2 0.0 73.2

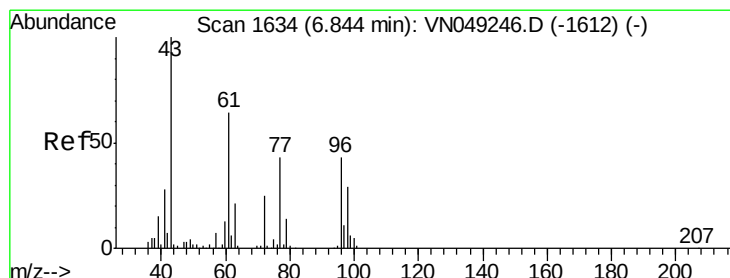
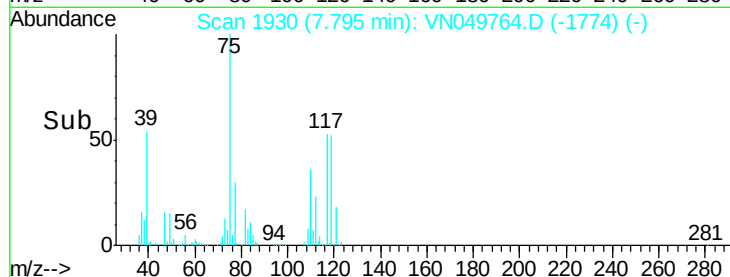
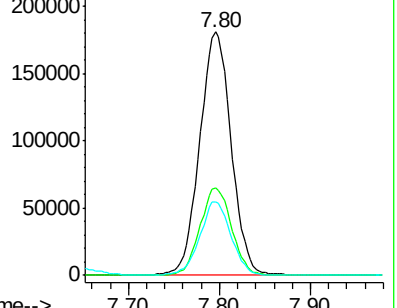
77 30.3 0.0 62.0



Abundance Ion 75.00 (74.70 to 75.70): VN049764.D (-1930) (-)

Ion 110.00 (109.70 to 110.70): VN049764.D (-1930) (-)

Ion 77.00 (76.70 to 77.70): VN049764.D (-1930) (-)



#30

2-Butanone

Concen: 95.62 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VN049764.D

Acq: 11 Jul 2018 18:37

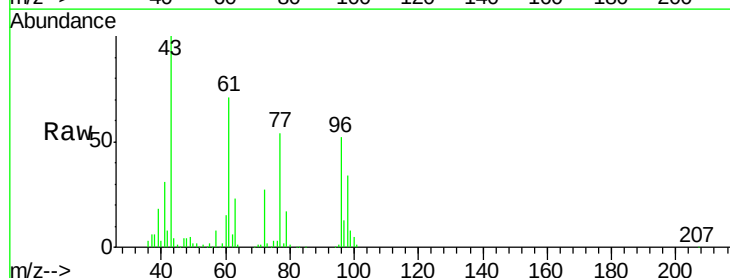
Tgt Ion: 43 Resp: 564752

Ion Ratio Lower Upper

43 100

57 8.4 6.8 10.2

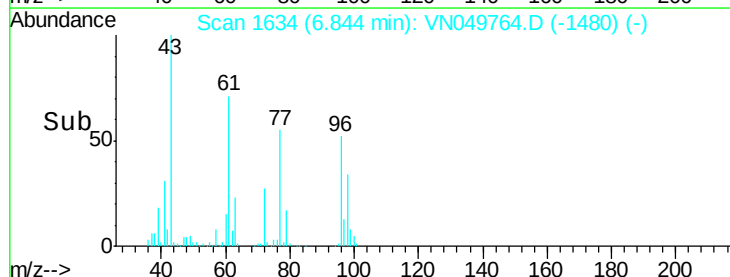
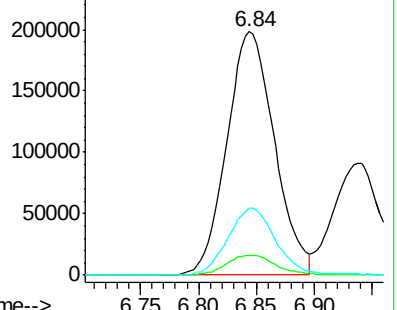
72 27.6 21.4 32.0

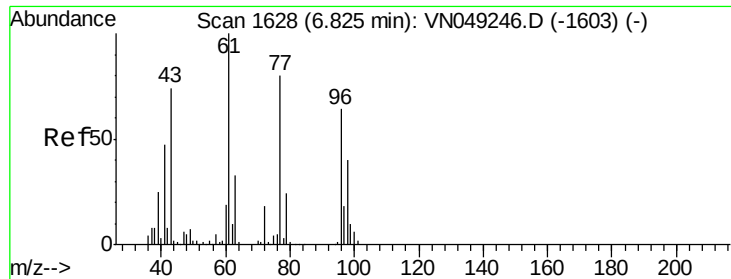


Abundance Ion 43.00 (42.70 to 43.70): VN049764.D (-1634) (-)

Ion 57.00 (56.70 to 57.70): VN049764.D (-1634) (-)

Ion 72.00 (71.70 to 72.70): VN049764.D (-1634) (-)





#31

2,2-Dichloropropane

Concen: 19.34 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VN049764.D

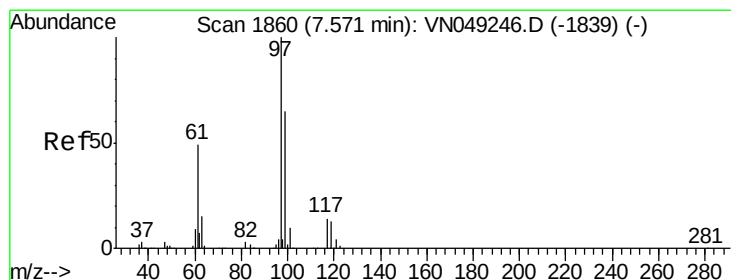
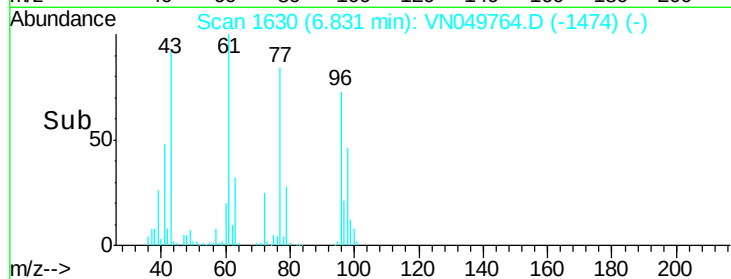
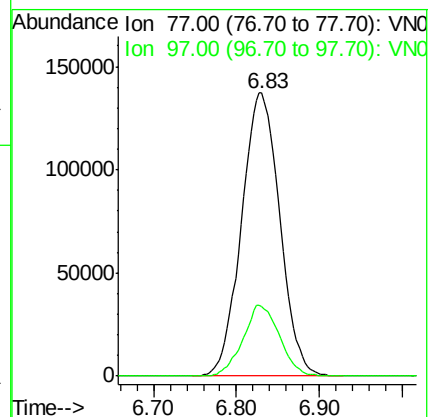
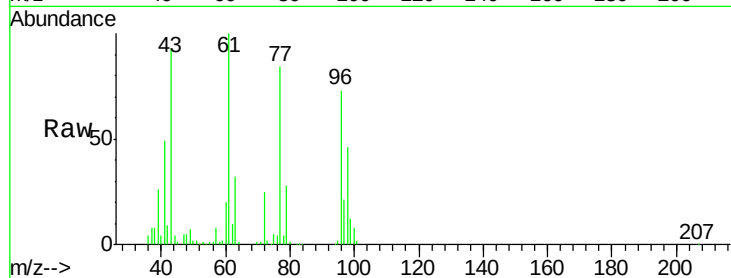
Acq: 11 Jul 2018 18:37

Tot Ion: 77 Resp: 439703

Ion Ratio Lower Upper

77 100

97 23.8 18.9 28.3



#32

1,1,1-Trichloroethane

Concen: 20.72 ug/l

RT: 7.57 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VN049764.D

Acq: 11 Jul 2018 18:37

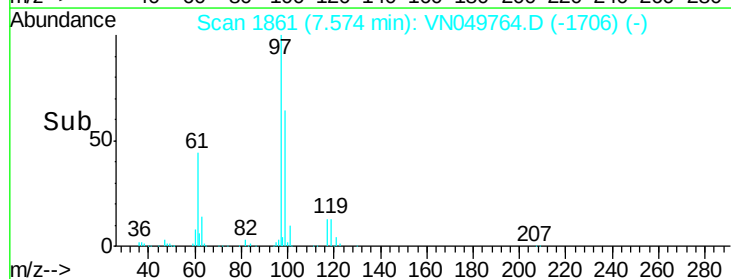
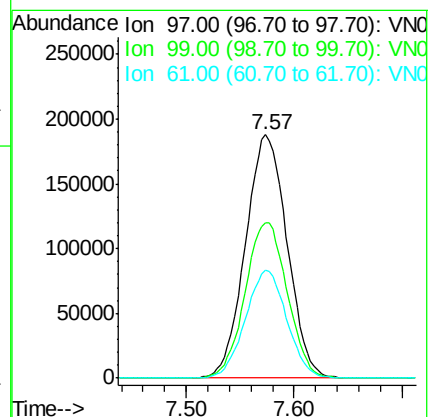
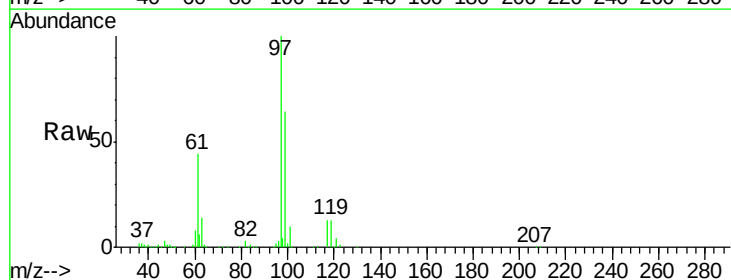
Tgt Ion: 97 Resp: 504852

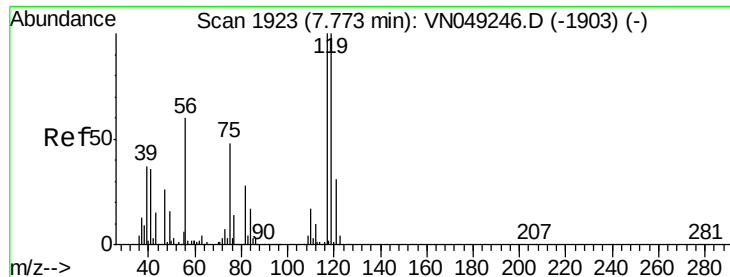
Ion Ratio Lower Upper

97 100

99 64.8 51.2 76.8

61 43.9 35.3 52.9





#33

Carbon Tetrachloride

Concen: 20.48 ug/l

RT: 7.78 min Scan# 1924

Delta R.T. -0.00 min

Lab File: VN049764.D

Acq: 11 Jul 2018 18:37

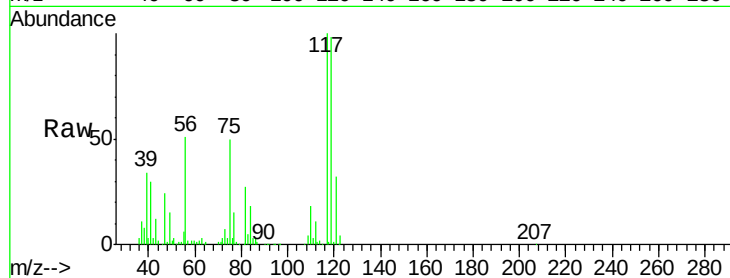
Tot Ion:117 Resp: 442516

Ion Ratio Lower Upper

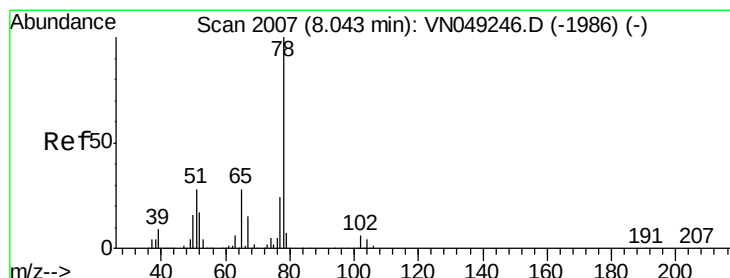
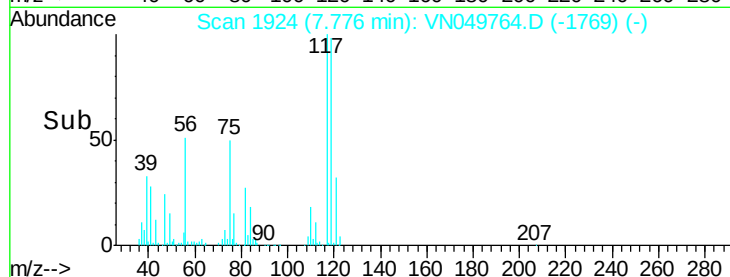
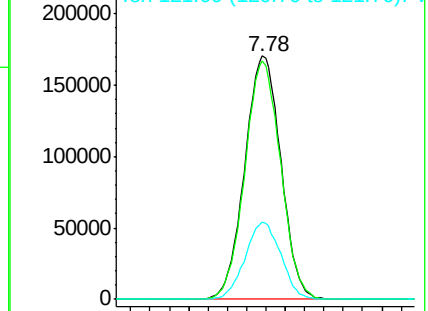
117 100

119 98.0 76.9 115.3

121 31.7 24.4 36.6



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 20.63 ug/l

RT: 8.05 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VN049764.D

Acq: 11 Jul 2018 18:37

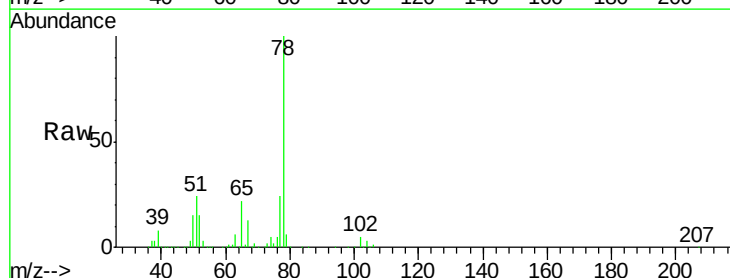
Tgt Ion: 78 Resp: 1311860

Ion Ratio Lower Upper

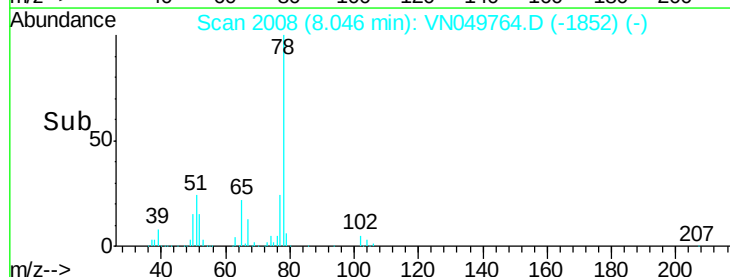
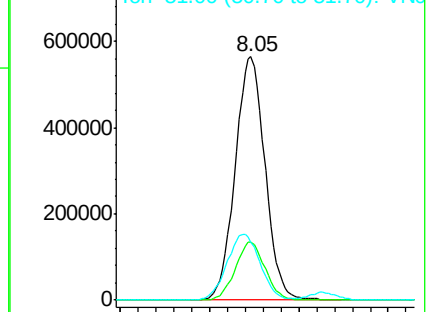
78 100

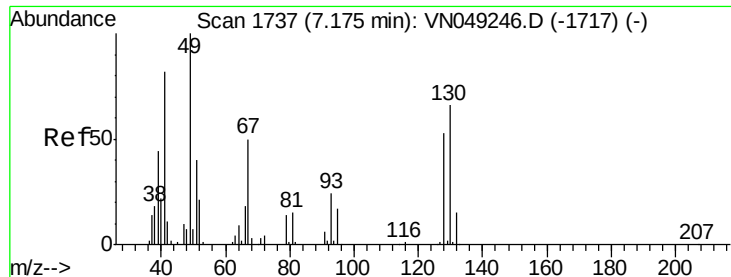
77 23.9 19.1 28.7

51 24.0 21.0 31.4



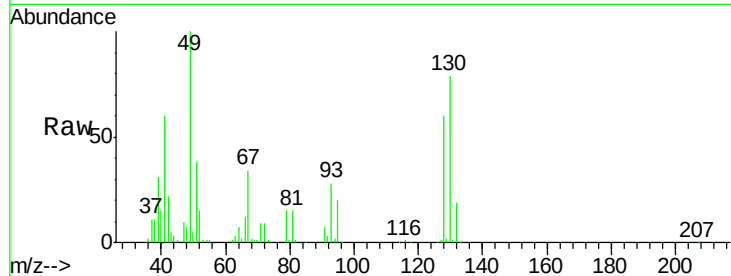
Abundance Ion 78.10 (77.80 to 78.80): V
Ion 77.00 (76.70 to 77.70): V
Ion 51.00 (50.70 to 51.70): V





#35
Methacrylonitrile
Concen: 19.39 ug/l
RT: 7.18 min Scan# 1740
Delta R.T. 0.01 min
Lab File: VN049764.D
Acq: 11 Jul 2018 18:37

Tot Ion:	41	Resp:	130828
Ion	Ratio	Lower	Upper
41	100		
39	51.4	27.6	82.7
67	57.1	35.1	105.5
52	25.0	14.1	42.4



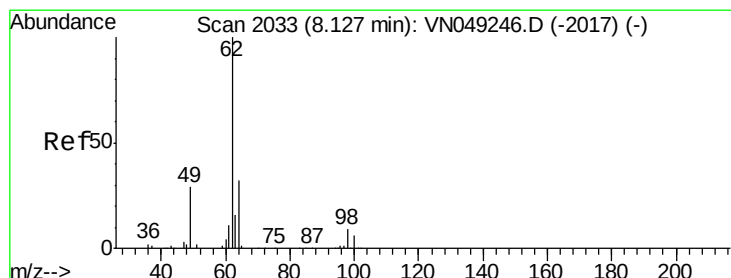
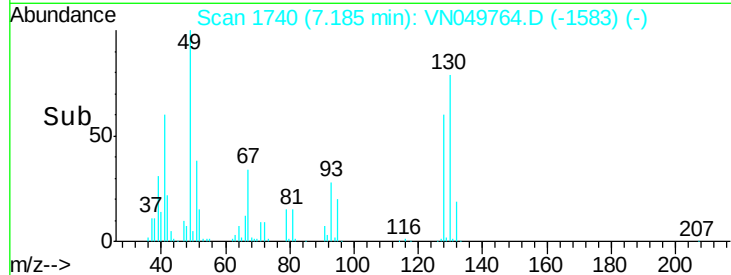
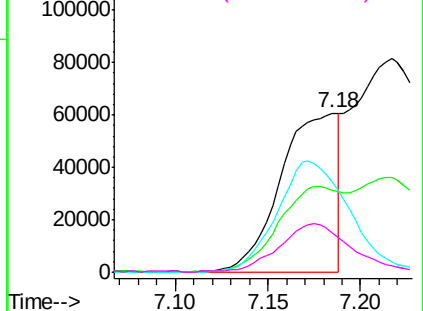
Abundance

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

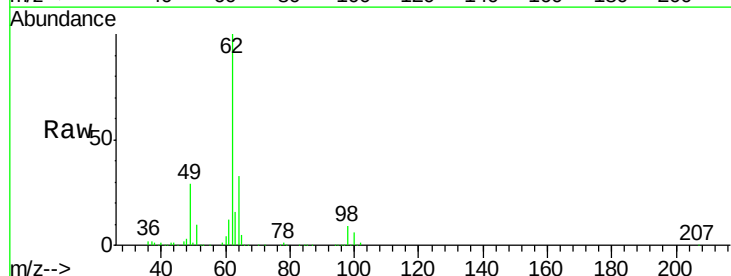
Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#36
1,2-Dichloroethane
Concen: 20.75 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. -0.00 min
Lab File: VN049764.D
Acq: 11 Jul 2018 18:37

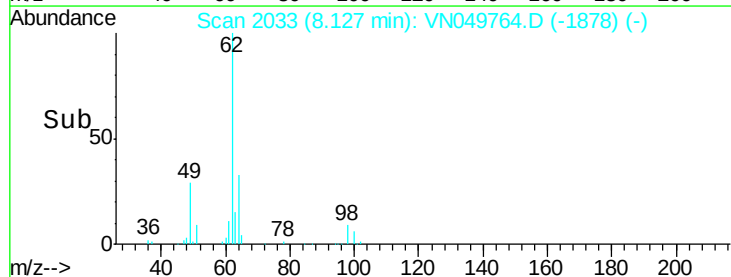
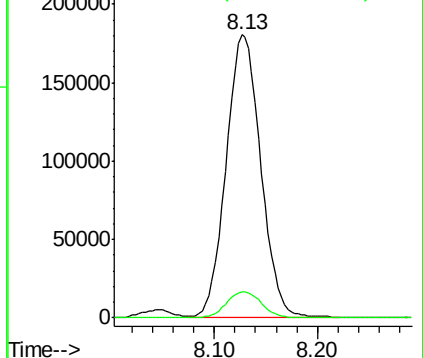
Tgt Ion:	62	Resp:	421196
Ion	Ratio	Lower	Upper
62	100		
98	9.4	7.8	11.6

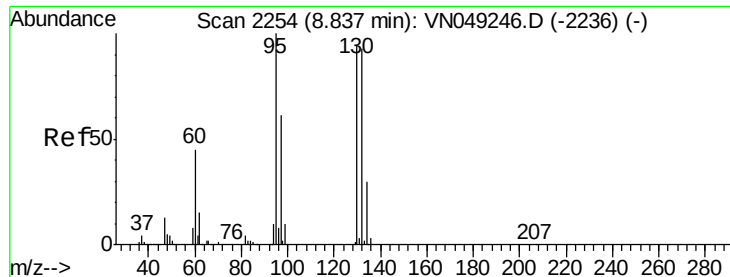


Abundance

Ion 62.00 (61.70 to 62.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#37

Trichloroethene

Concen: 20.39 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. -0.00 min

Lab File: VN049764.D

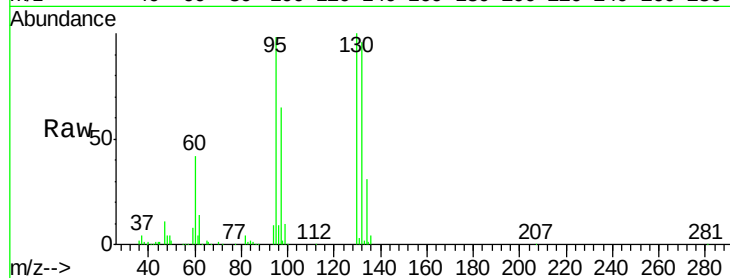
Acq: 11 Jul 2018 18:37

Tot Ion:130 Resp: 337838

Ion Ratio Lower Upper

130 100

95 98.3 79.7 119.5



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN0

8.84

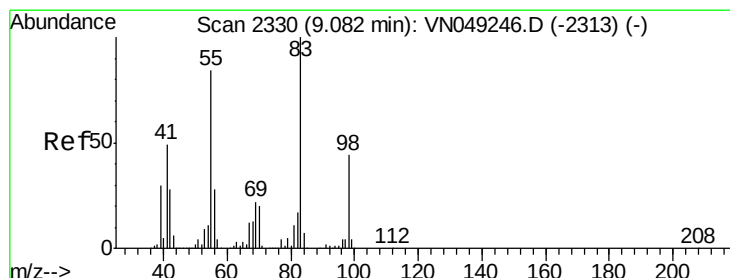
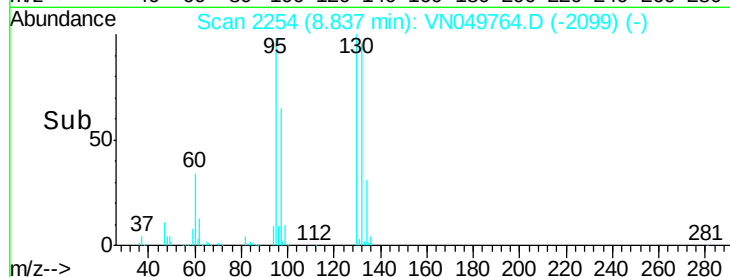
150000

100000

50000

0

Time-->



#38

Methylcyclohexane

Concen: 19.57 ug/l

RT: 9.08 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VN049764.D

Acq: 11 Jul 2018 18:37

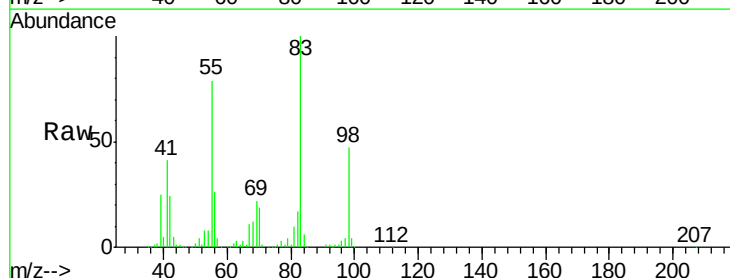
Tgt Ion: 83 Resp: 447096

Ion Ratio Lower Upper

83 100

55 77.3 39.3 117.8

98 45.5 23.0 69.0



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0

250000

200000

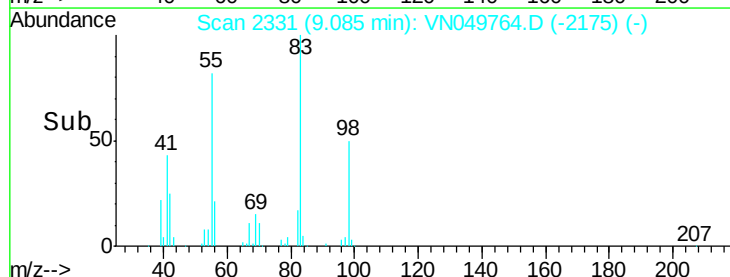
150000

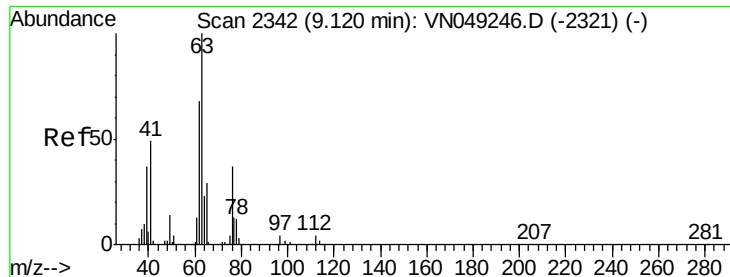
100000

50000

0

Time-->





#39

1,2-Dichloropropane

Concen: 20.80 ug/l

RT: 9.12 min Scan# 2343

Delta R.T. -0.00 min

Lab File: VN049764.D

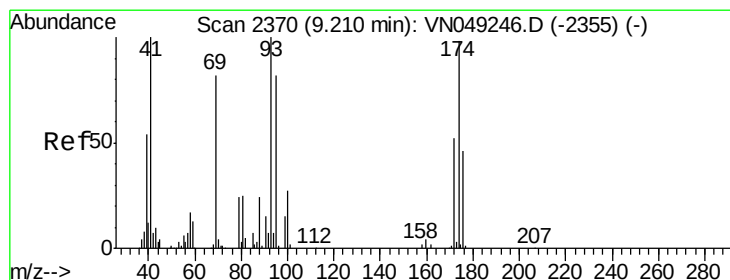
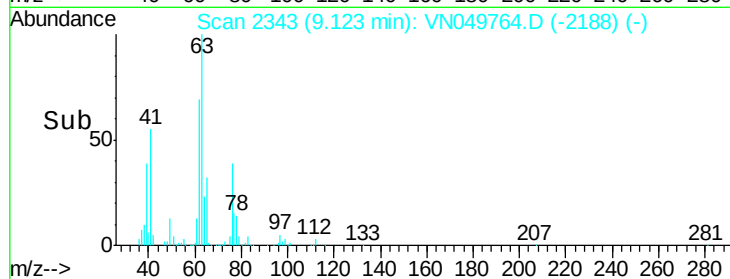
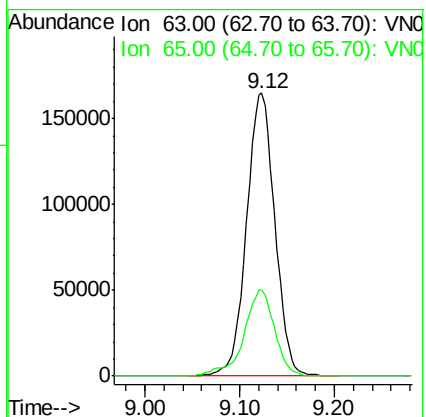
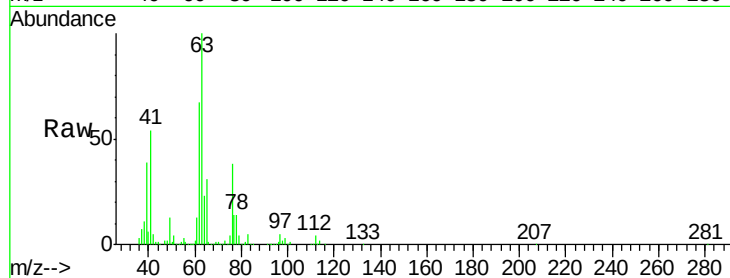
Acq: 11 Jul 2018 18:37

Tot Ion: 63 Resp: 343391

Ion Ratio Lower Upper

63 100

65 30.7 24.2 36.2



#40

Dibromomethane

Concen: 20.88 ug/l

RT: 9.21 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN049764.D

Acq: 11 Jul 2018 18:37

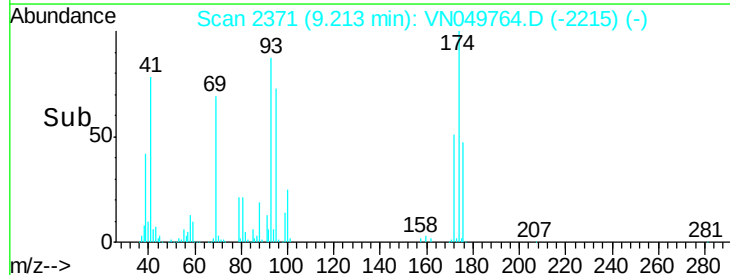
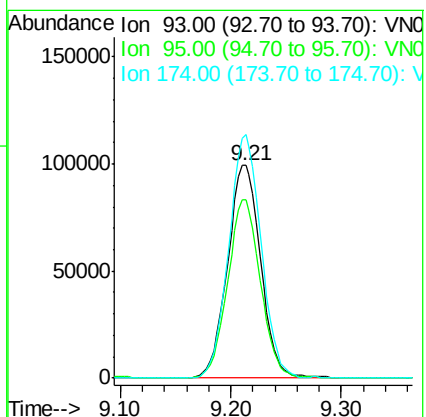
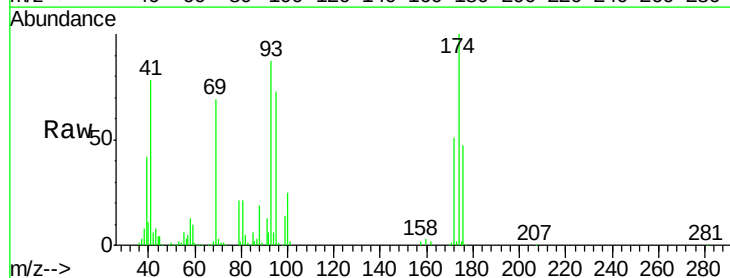
Tgt Ion: 93 Resp: 207211

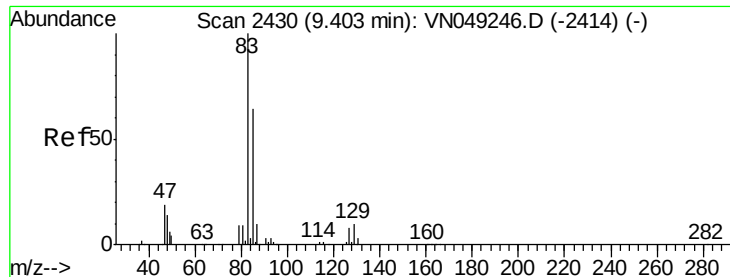
Ion Ratio Lower Upper

93 100

95 82.4 0.0 165.6

174 111.1 0.0 223.2





#41

Bromodichloromethane

Concen: 20.58 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. -0.00 min

Lab File: VN049764.D

Acq: 11 Jul 2018 18:37

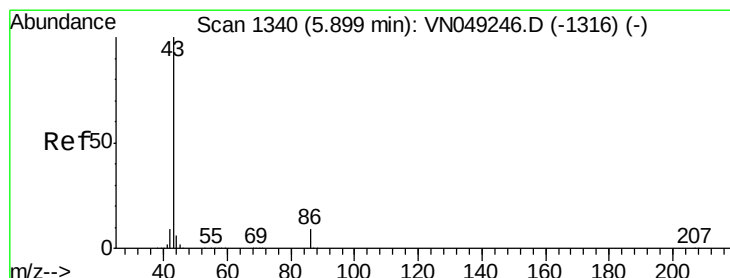
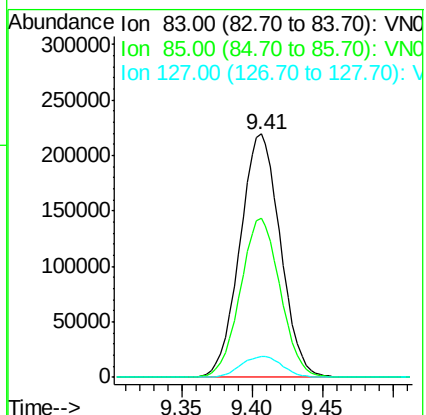
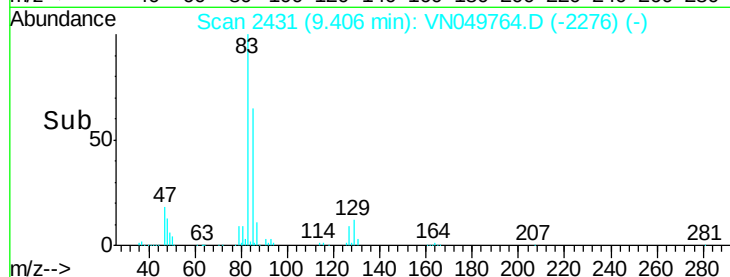
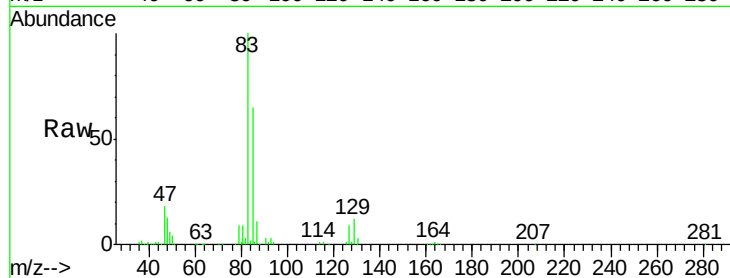
Tot Ion: 83 Resp: 439391

Ion Ratio Lower Upper

83 100

85 65.4 52.6 78.8

127 8.7 7.0 10.4



#42

Vinyl Acetate

Concen: 99.30 ug/l

RT: 5.90 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VN049764.D

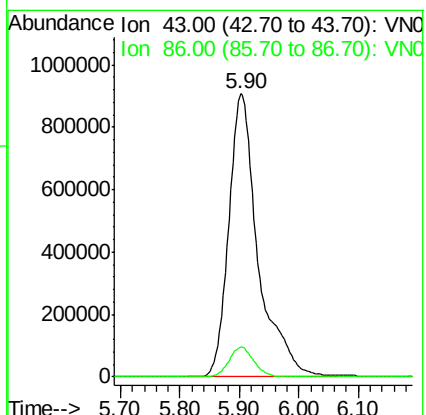
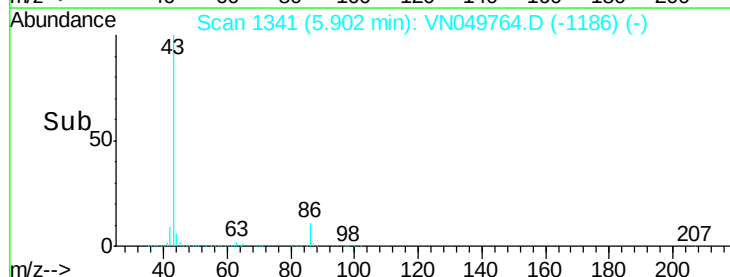
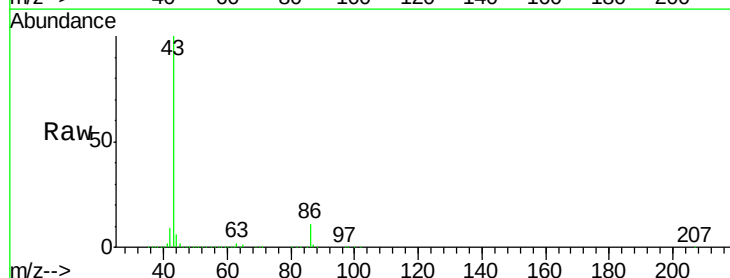
Acq: 11 Jul 2018 18:37

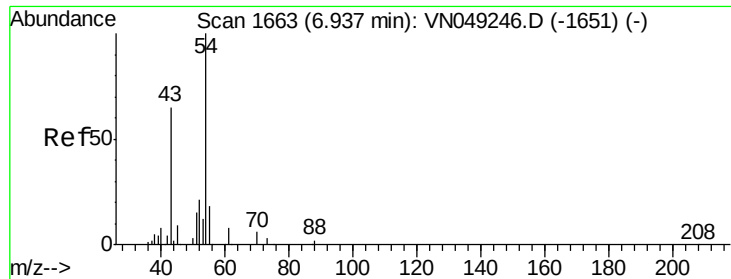
Tgt Ion: 43 Resp: 3112327

Ion Ratio Lower Upper

43 100

86 9.1 7.3 10.9





#43

Ethyl Acetate

Concen: 20.52 ug/l

RT: 6.94 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VN049764.D

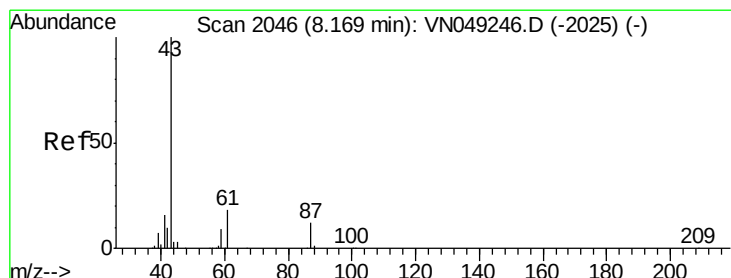
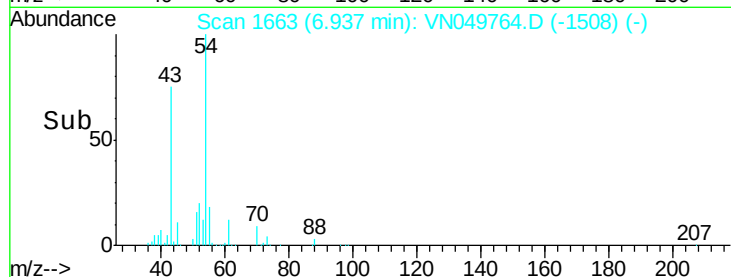
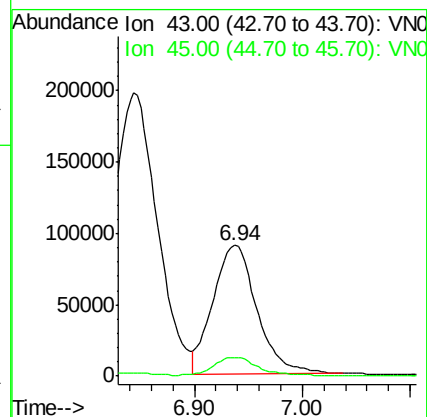
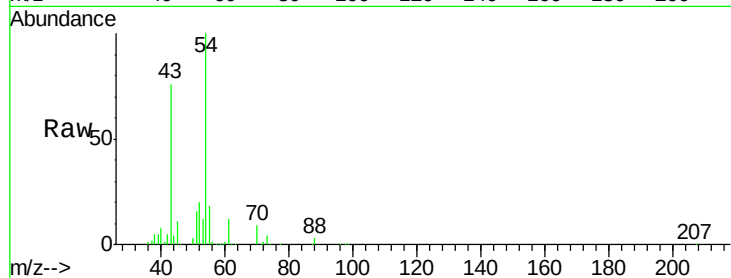
Acq: 11 Jul 2018 18:37

Tot Ion: 43 Resp: 255885

Ion Ratio Lower Upper

43 100

45 12.9 13.0 19.6#



#44

Isopropyl Acetate

Concen: 20.45 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. -0.00 min

Lab File: VN049764.D

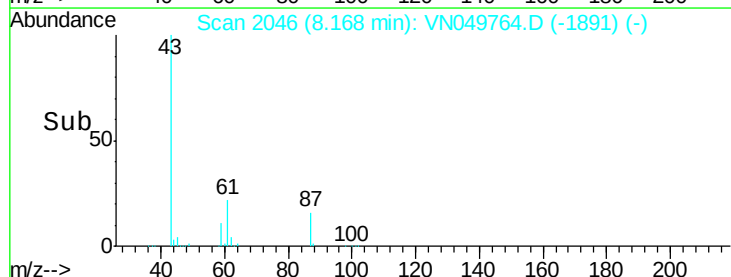
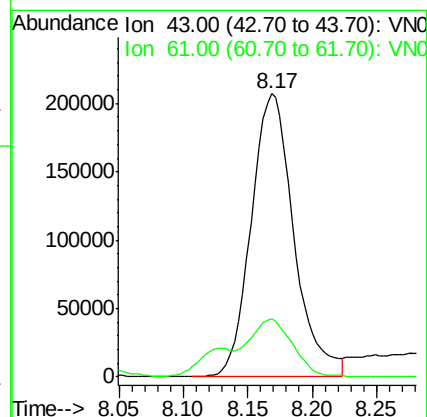
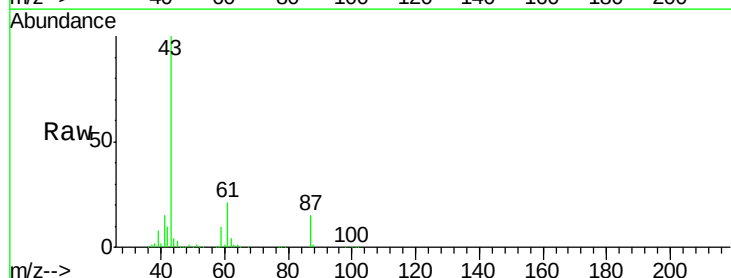
Acq: 11 Jul 2018 18:37

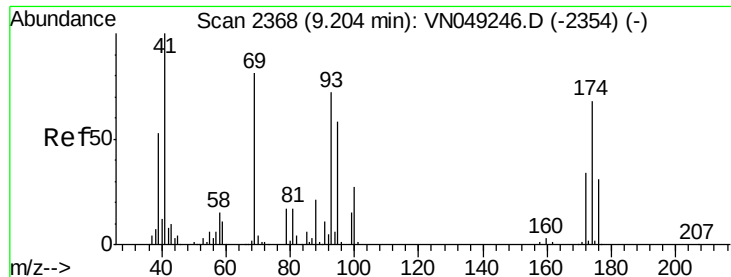
Tgt Ion: 43 Resp: 476868

Ion Ratio Lower Upper

43 100

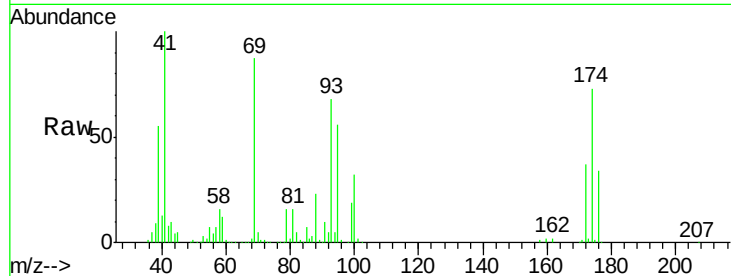
61 19.8 16.4 24.6





#45
 1,4-Dioxane
 Concen: 387.24 ug/l
 RT: 9.20 min Scan# 2368
 Delta R.T. -0.00 min
 Lab File: VN049764.D
 Acq: 11 Jul 2018 18:37

Tot Ion	88	Resp	59454
Ion	Ratio	Lower	Upper
88	100		
43	32.7	26.9	40.3
58	69.0	53.6	80.4

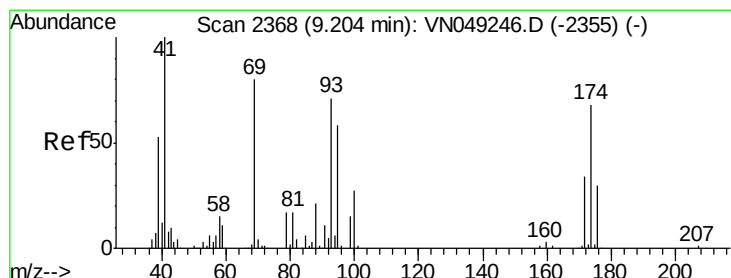
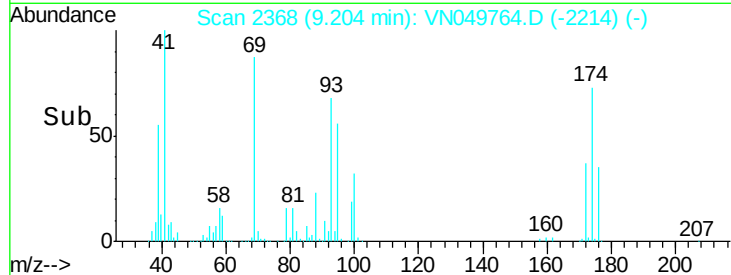
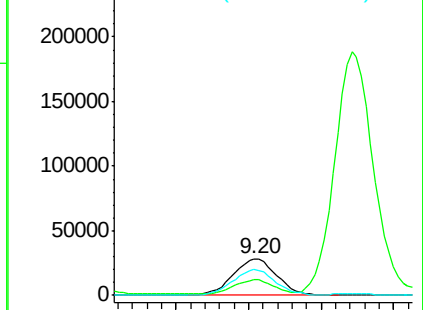


Abundance

Ion 88.00 (87.70 to 88.70): VN0

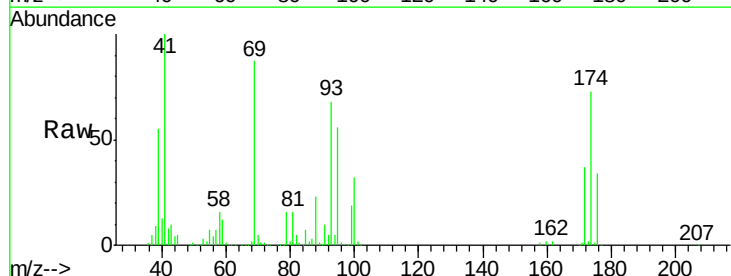
Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#46
 Methyl methacrylate
 Concen: 19.22 ug/l
 RT: 9.20 min Scan# 2368
 Delta R.T. -0.00 min
 Lab File: VN049764.D
 Acq: 11 Jul 2018 18:37

Tgt Ion	41	Resp	224736
Ion	Ratio	Lower	Upper
41	100		
69	88.5	44.0	132.1
39	54.1	27.0	80.8

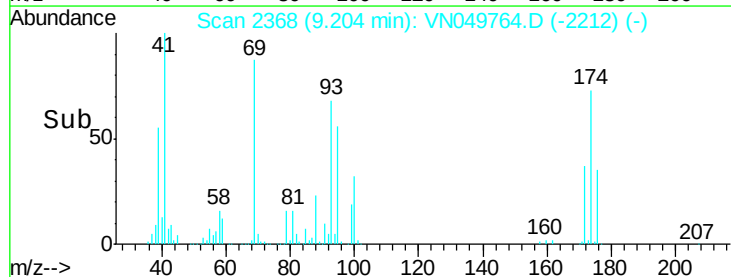
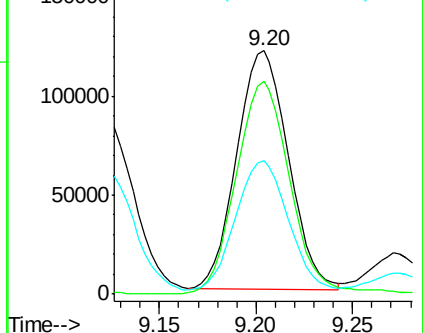


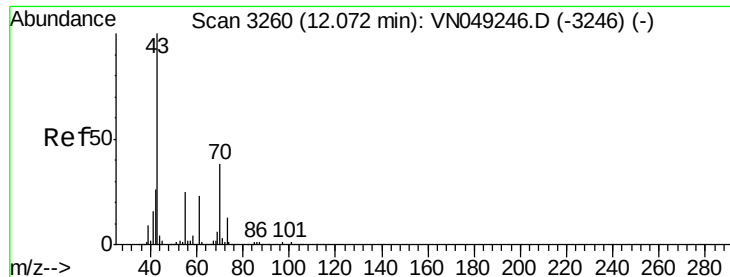
Abundance

Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#47

n-amvl Acetate

Concen: 18.64 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN049764.D

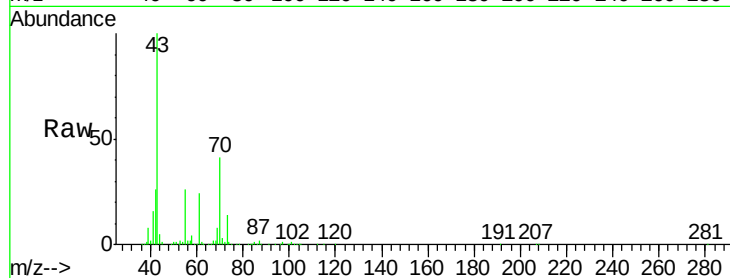
Acq: 11 Jul 2018 18:37

Tot Ion: 43 Resp: 366241

Ion Ratio Lower Upper

43 100

55 26.6 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

12.07

250000

200000

150000

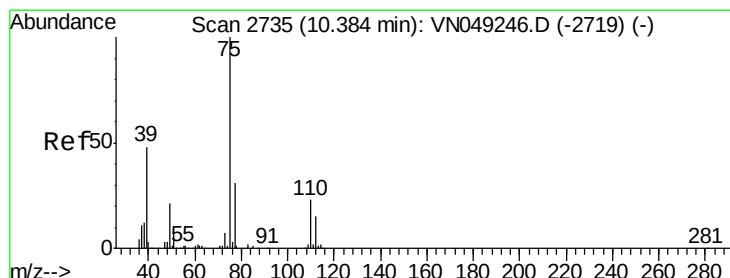
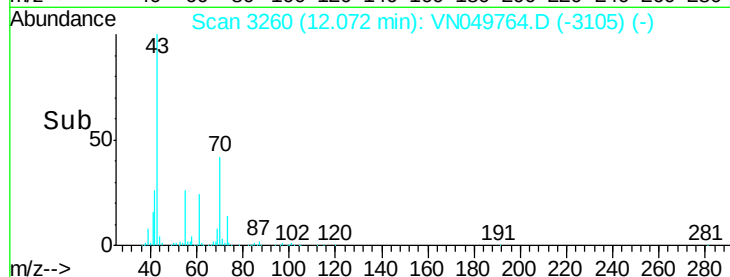
100000

50000

0

Time-->

12.00 12.05 12.10 12.15



#48

t-1,3-Dichloropropene

Concen: 19.53 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. -0.00 min

Lab File: VN049764.D

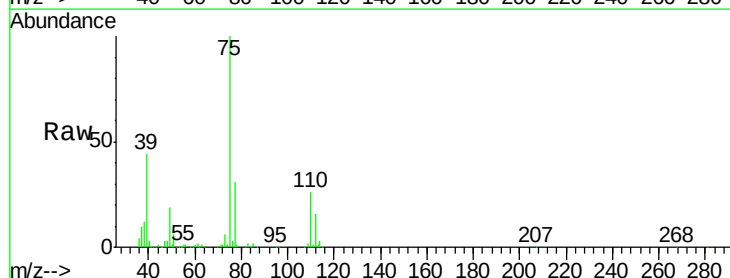
Acq: 11 Jul 2018 18:37

Tgt Ion: 75 Resp: 420059

Ion Ratio Lower Upper

75 100

77 30.6 24.6 37.0



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

10.38

250000

200000

150000

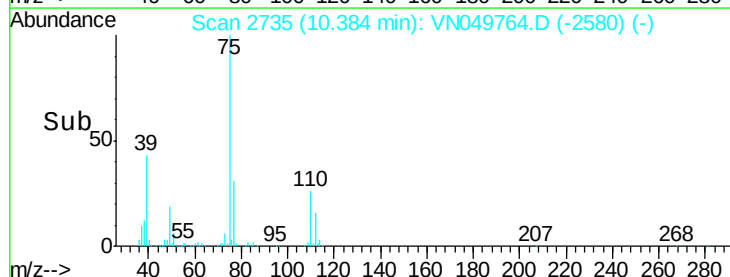
100000

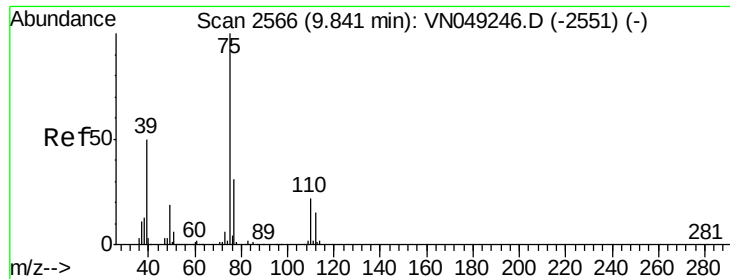
50000

0

Time-->

10.30 10.40





#49

cis-1,3-Dichloropropene

Concen: 19.82 ug/l

RT: 9.84 min Scan# 2567

Delta R.T. 0.00 min

Lab File: VN049764.D

Acq: 11 Jul 2018 18:37

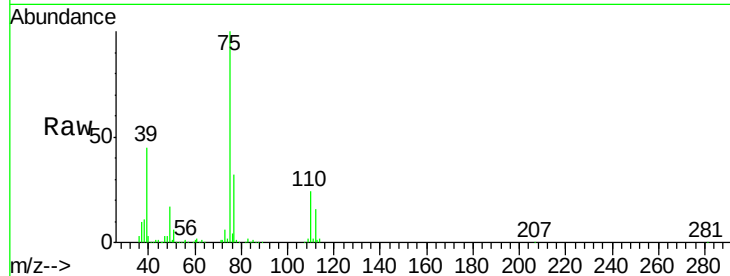
Tot Ion: 75 Resp: 490698

Ion Ratio Lower Upper

75 100

77 31.5 25.7 38.5

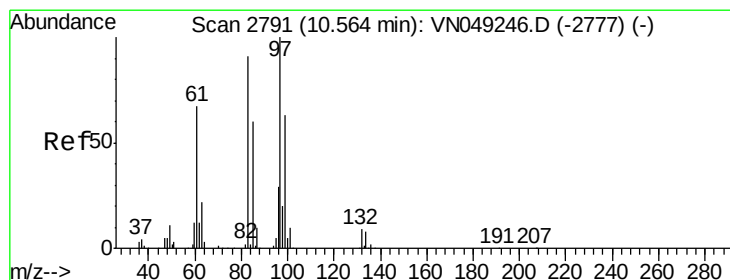
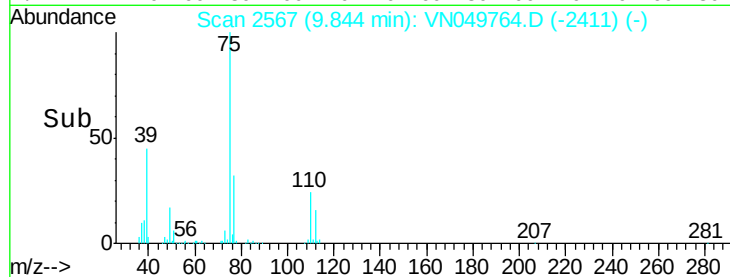
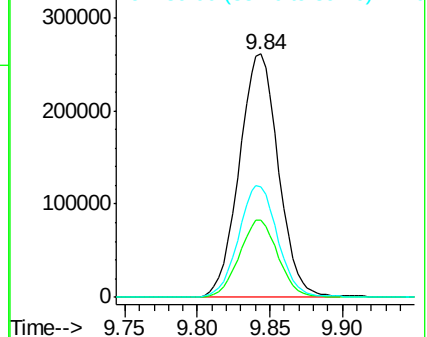
39 45.0 36.3 54.5



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#50

1,1,2-Trichloroethane

Concen: 20.78 ug/l

RT: 10.56 min Scan# 2791

Delta R.T. -0.00 min

Lab File: VN049764.D

Acq: 11 Jul 2018 18:37

Tgt Ion: 97 Resp: 299991

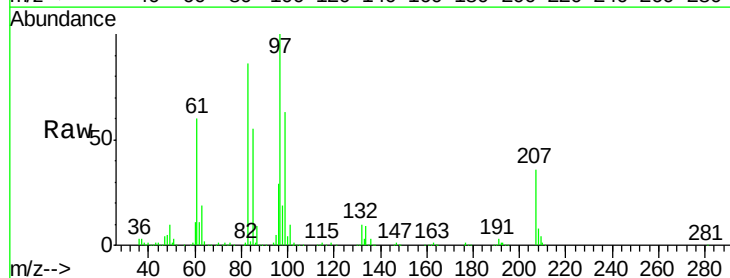
Ion Ratio Lower Upper

97 100

83 85.8 68.1 102.1

85 55.1 45.4 68.2

99 62.4 49.4 74.0

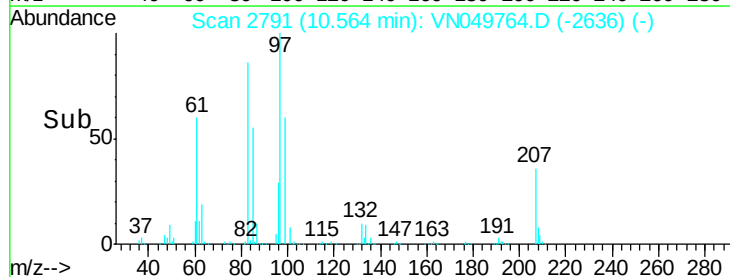
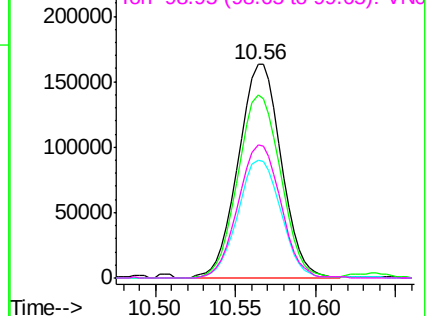


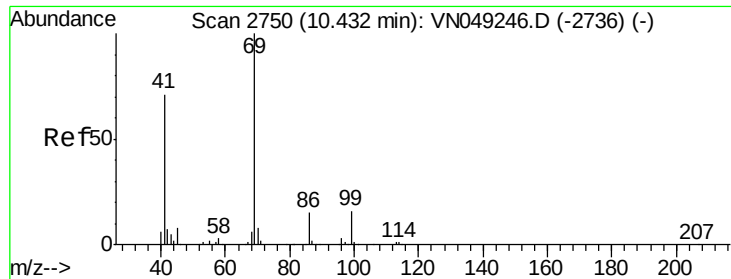
Abundance Ion 97.00 (96.70 to 97.70): VN0

Ion 82.95 (82.65 to 83.65): VN0

Ion 84.95 (84.65 to 85.65): VN0

Ion 98.95 (98.65 to 99.65): VN0





#51

Ethyl methacrylate

Concen: 19.24 ug/l

RT: 10.43 min Scan# 2750

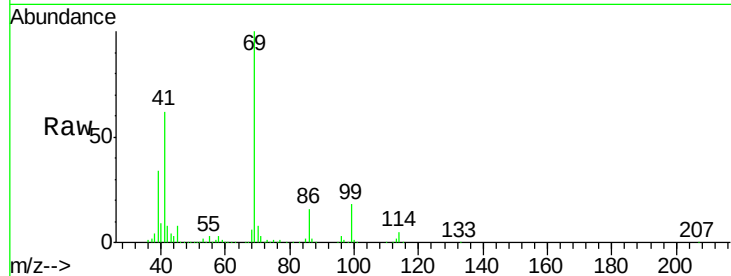
Delta R.T. -0.00 min

Lab File: VN049764.D

Acq: 11 Jul 2018 18:37

Tot Ion: 69 Resp: 338835

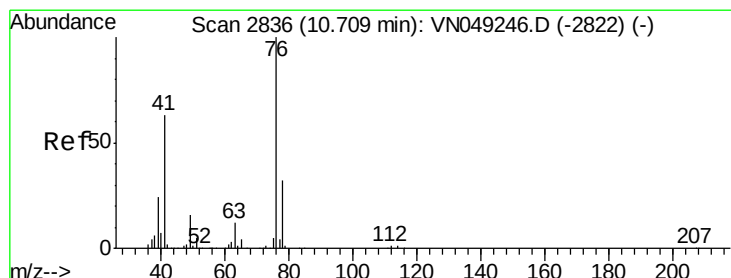
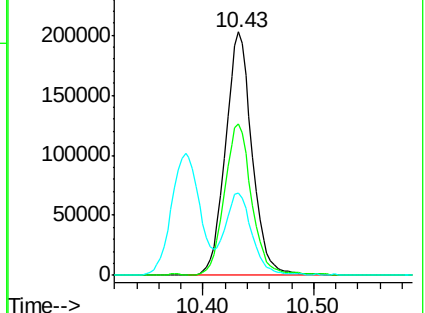
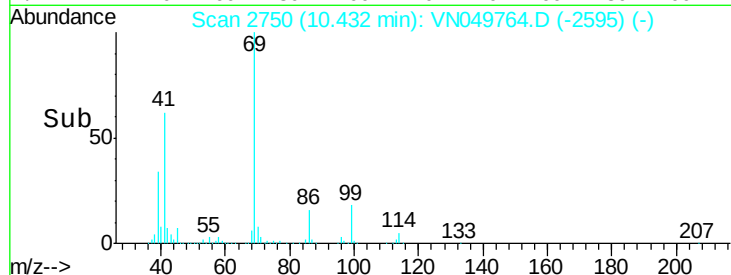
Ion	Ratio	Lower	Upper
69	100		
41	62.0	31.9	95.9
39	33.6	16.7	50.1



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#52

1,3-Dichloropropane

Concen: 20.47 ug/l

RT: 10.71 min Scan# 2837

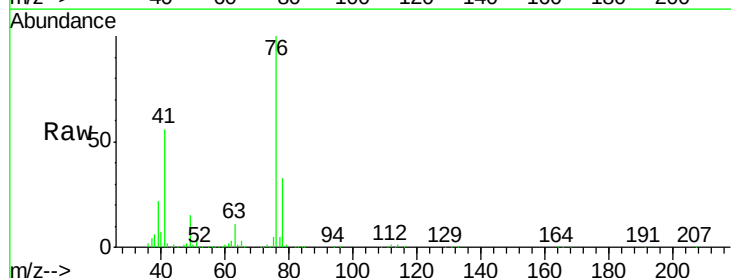
Delta R.T. 0.00 min

Lab File: VN049764.D

Acq: 11 Jul 2018 18:37

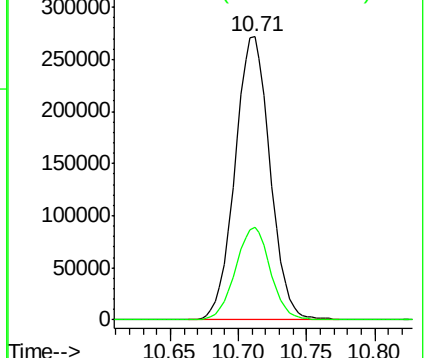
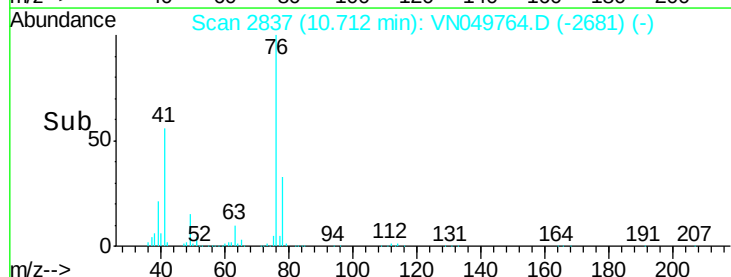
Tgt Ion: 76 Resp: 485237

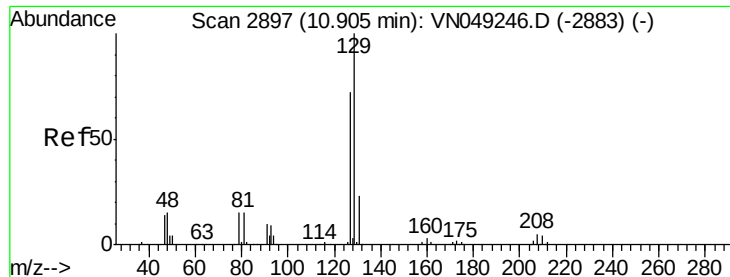
Ion	Ratio	Lower	Upper
76	100		
78	32.7	0.0	65.6



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0





#53

Dibromochloromethane

Concen: 19.90 ug/l

RT: 10.90 min Scan# 2897

Delta R.T. -0.00 min

Lab File: VN049764.D

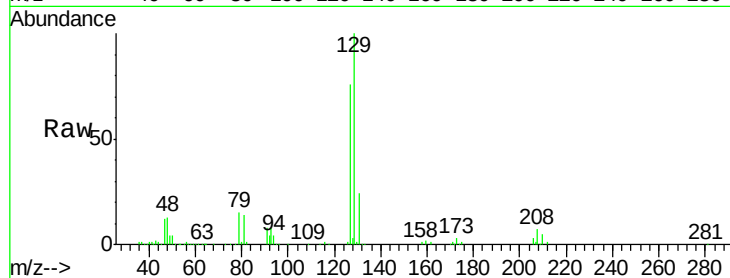
Acq: 11 Jul 2018 18:37

Tot Ion:129 Resp: 324835

Ion Ratio Lower Upper

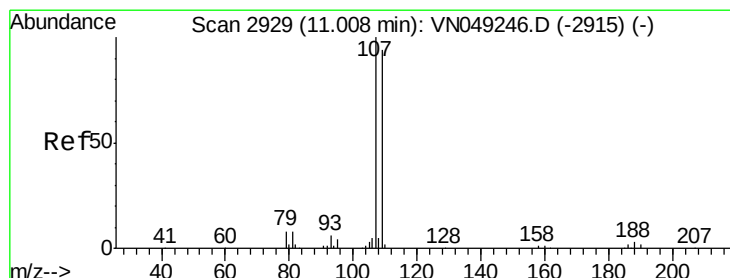
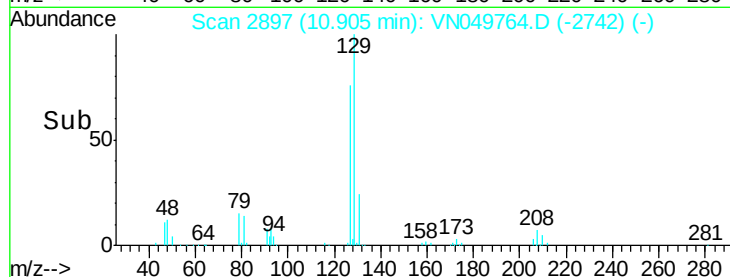
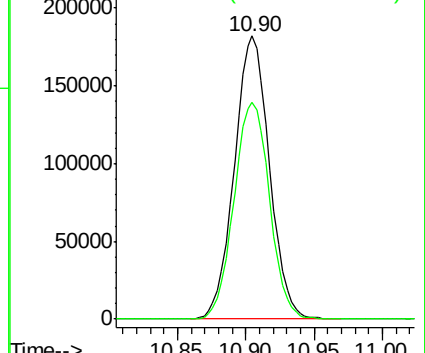
129 100

127 77.7 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: 19.99 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. -0.00 min

Lab File: VN049764.D

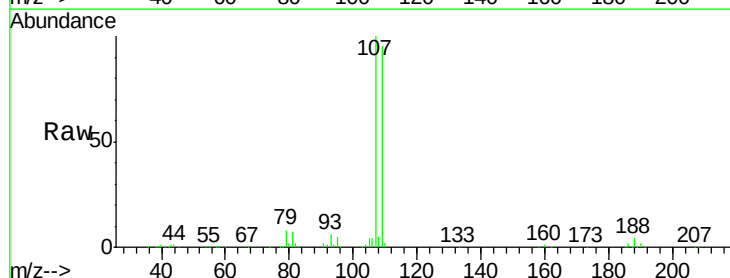
Acq: 11 Jul 2018 18:37

Tgt Ion:107 Resp: 280426

Ion Ratio Lower Upper

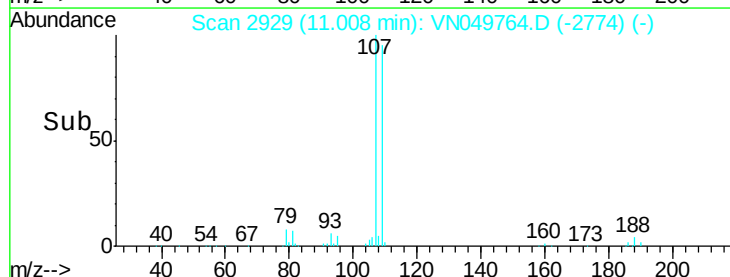
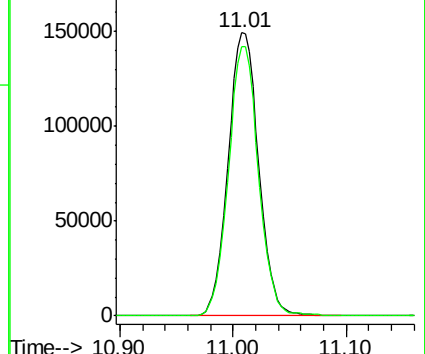
107 100

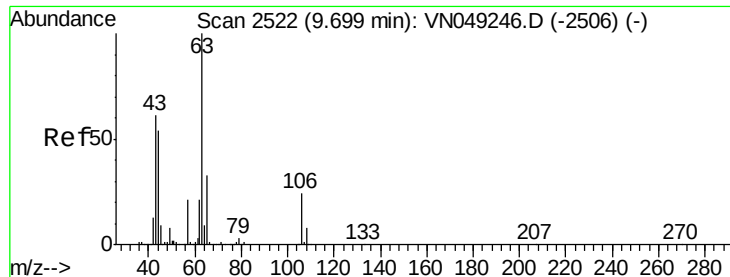
109 93.7 76.2 114.2



Abundance Ion 107.00 (106.70 to 107.70): V

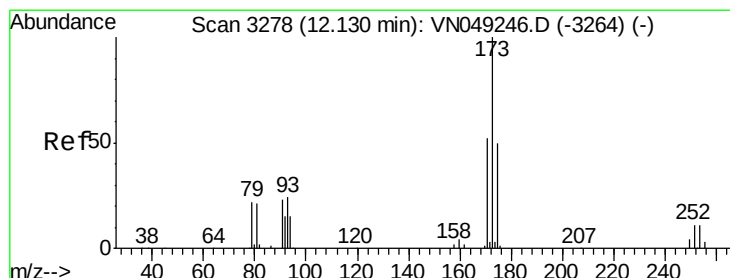
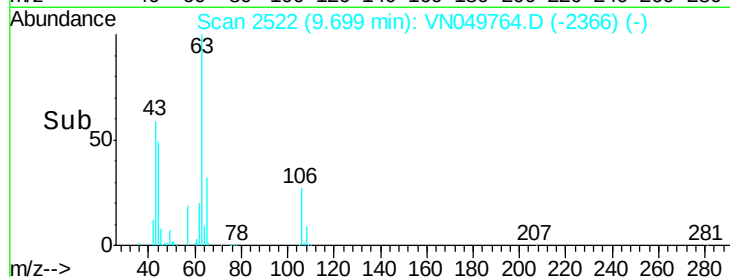
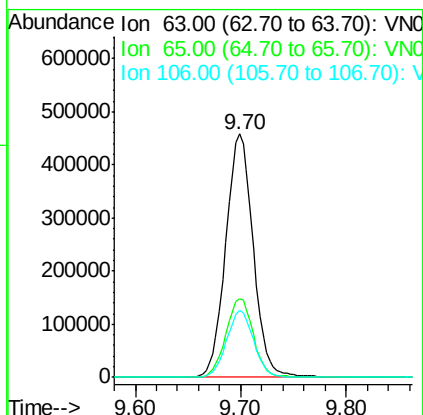
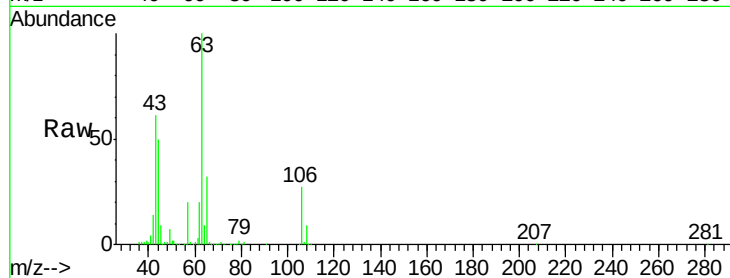
Ion 109.00 (108.70 to 109.70): V





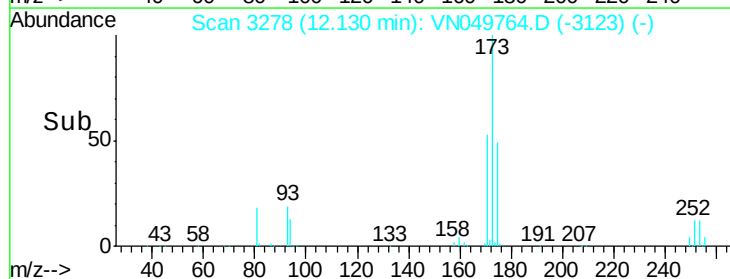
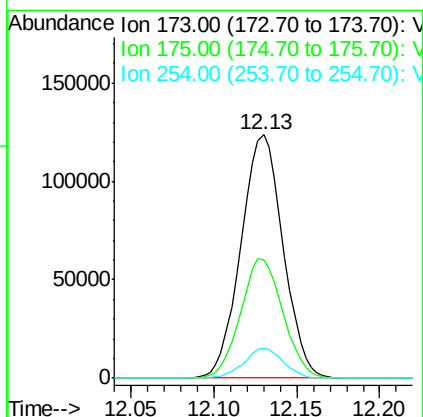
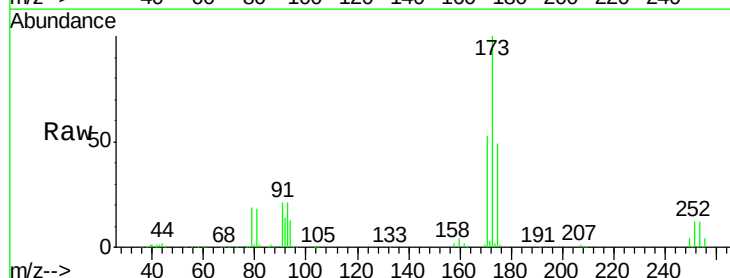
#55
 2-Chloroethyl vinyl ether
 Concen: 92.09 ug/l
 RT: 9.70 min Scan# 2522
 Delta R.T. 0.00 min
 Lab File: VN049764.D
 Acq: 11 Jul 2018 18:37

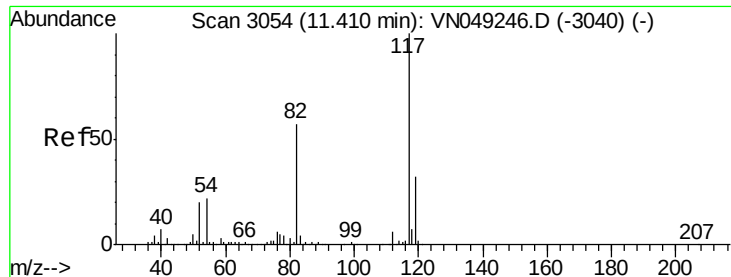
Tot Ion	Ratio	Lower	Upper
63	100		
65	32.1	25.5	38.3
106	27.0	21.8	32.6



#56
 Bromoform
 Concen: 19.52 ug/l
 RT: 12.13 min Scan# 3278
 Delta R.T. -0.00 min
 Lab File: VN049764.D
 Acq: 11 Jul 2018 18:37

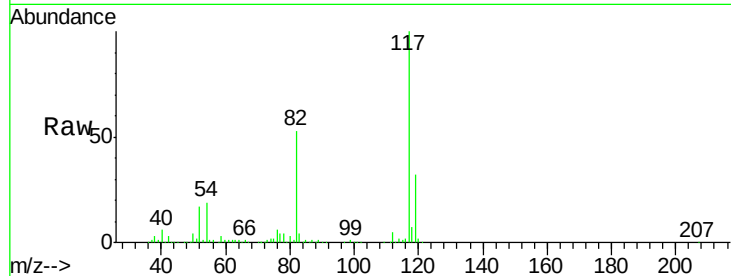
Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.2	38.6	57.8
254	11.4	8.8	13.2



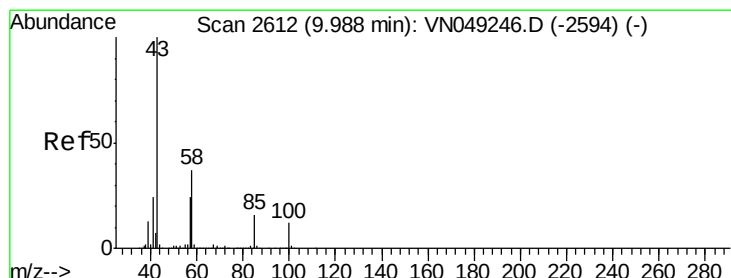
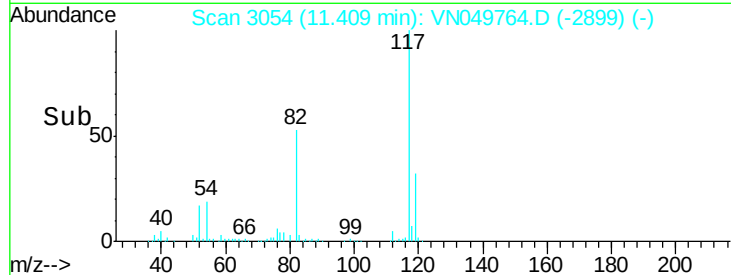
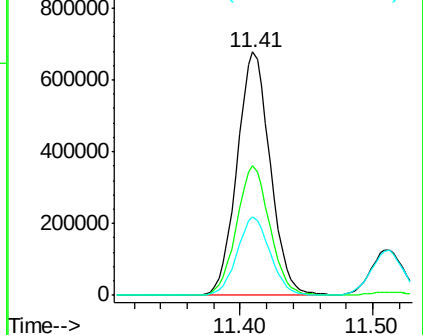


#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049764.D
Acq: 11 Jul 2018 18:37

Tot Ion:117 Resp: 1174415
Ion Ratio Lower Upper
117 100
82 53.3 42.4 63.6
119 32.0 25.4 38.0

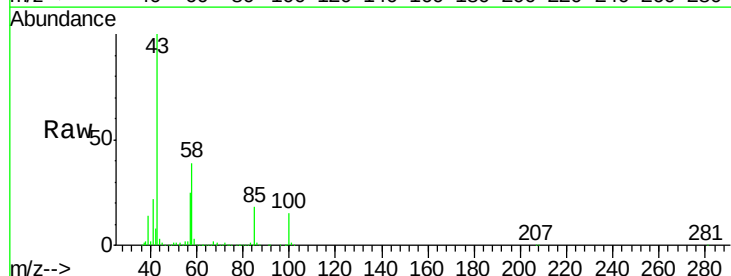


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VNO
Ion 119.00 (118.70 to 119.70): V

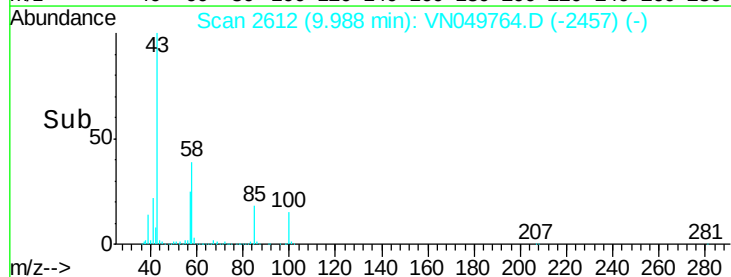
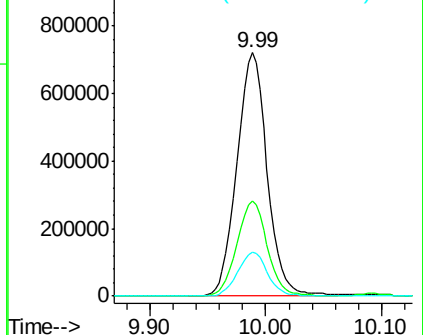


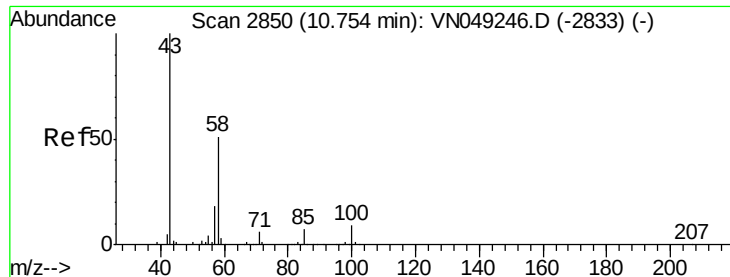
#58
4-Methyl-2-Pentanone
Concen: 101.73 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. -0.00 min
Lab File: VN049764.D
Acq: 11 Jul 2018 18:37

Tgt Ion: 43 Resp: 1298842
Ion Ratio Lower Upper
43 100
58 39.5 31.2 46.8
85 18.0 14.4 21.6



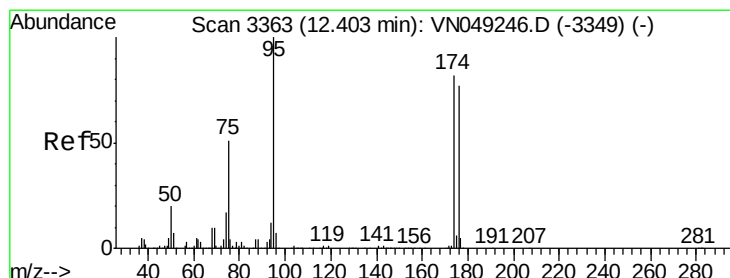
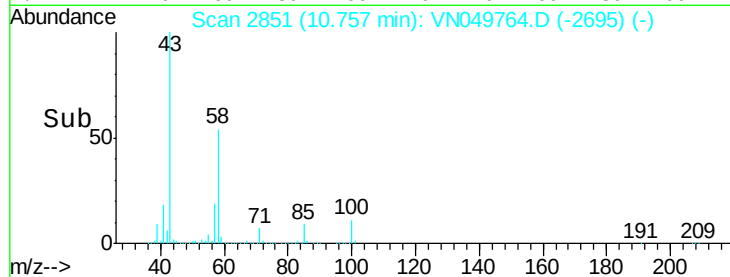
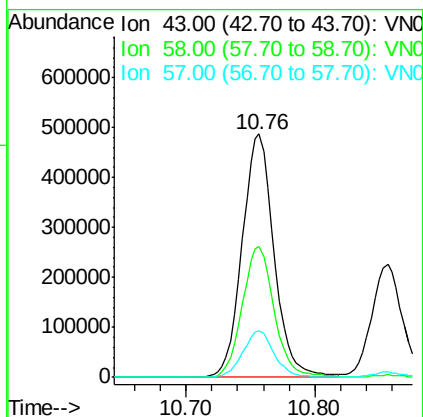
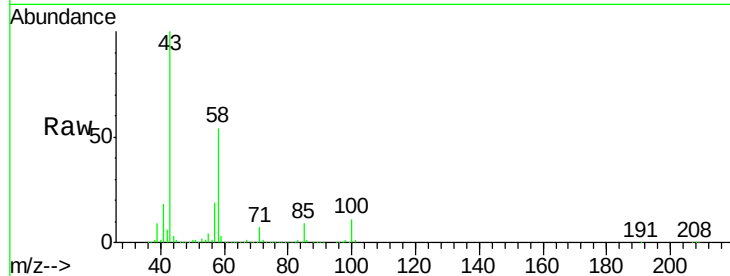
Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 58.00 (57.70 to 58.70): VNO
Ion 85.00 (84.70 to 85.70): VNO





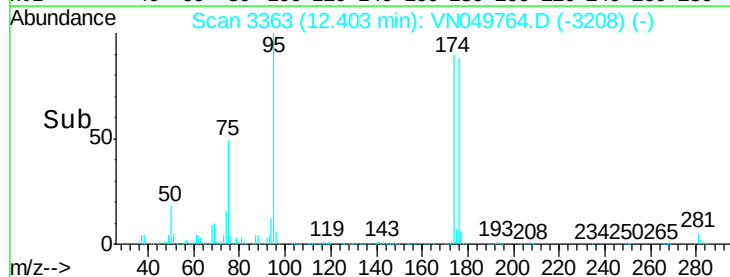
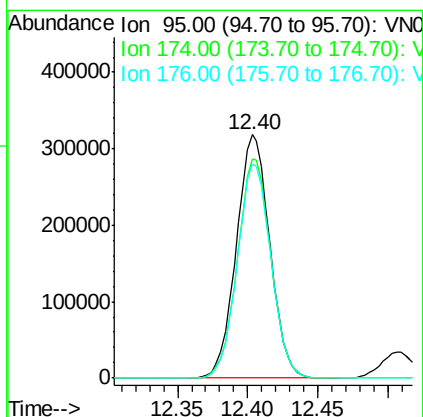
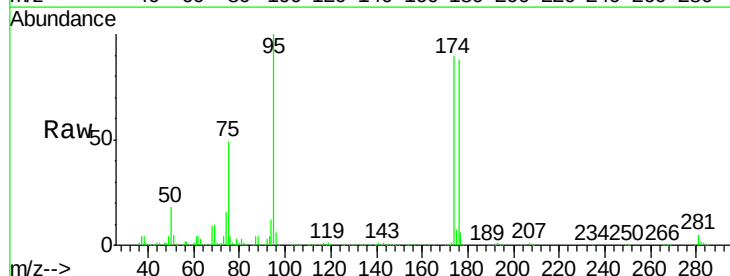
#59
2-Hexanone
Concen: 96.95 ug/l
RT: 10.76 min Scan# 2851
Delta R.T. 0.00 min
Lab File: VN049764.D
Acq: 11 Jul 2018 18:37

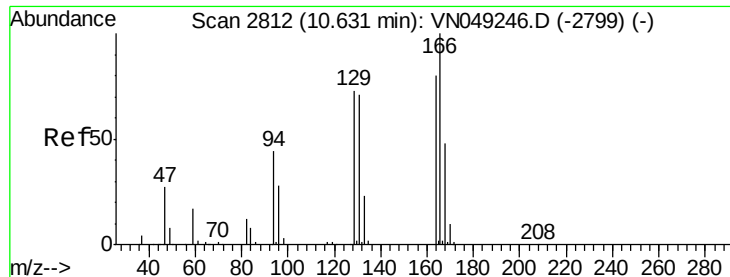
Tot Ion	Ratio	Lower	Upper
43	100		
58	54.2	43.8	65.8
57	19.1	15.1	22.7



#60
4-Bromofluorobenzene
Concen: 29.21 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN049764.D
Acq: 11 Jul 2018 18:37

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.2	72.3	108.5
176	88.4	70.0	105.0





#61

Tetrachloroethene

Concen: 20.75 ug/l

RT: 10.63 min Scan# 2813

Delta R.T. -0.00 min

Lab File: VN049764.D

Acq: 11 Jul 2018 18:37

Tot Ion:164 Resp: 305716

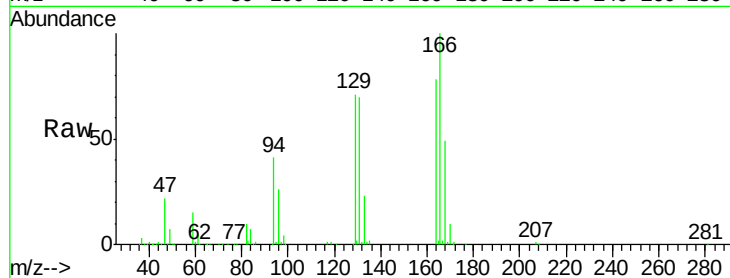
Ion Ratio Lower Upper

164 100

166 128.5 100.0 150.0

129 90.8 69.3 103.9

131 89.5 68.8 103.2

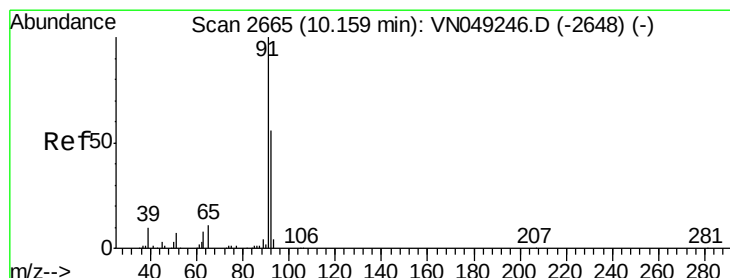
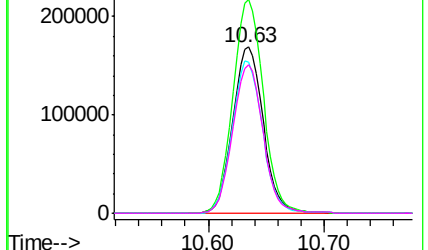
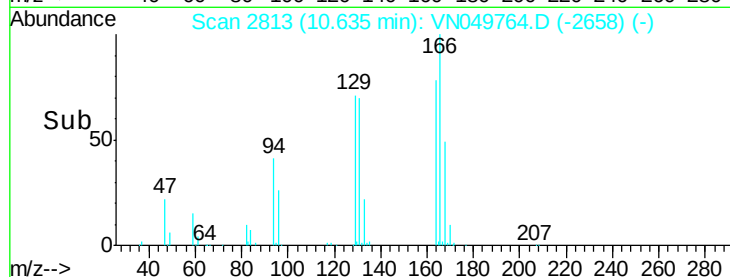


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 20.86 ug/l

RT: 10.16 min Scan# 2665

Delta R.T. -0.00 min

Lab File: VN049764.D

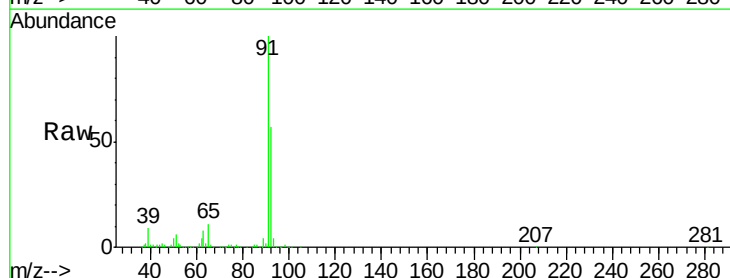
Acq: 11 Jul 2018 18:37

Tgt Ion: 91 Resp: 1403807

Ion Ratio Lower Upper

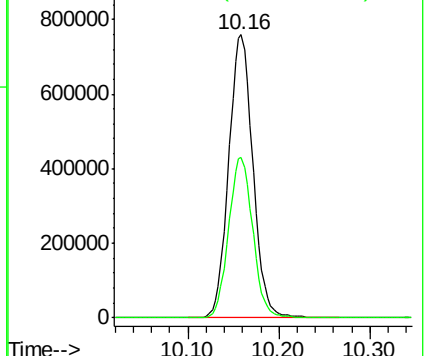
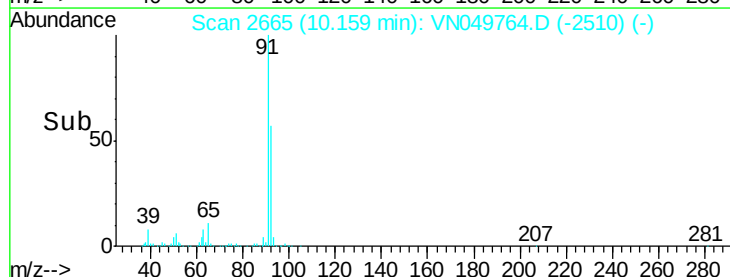
91 100

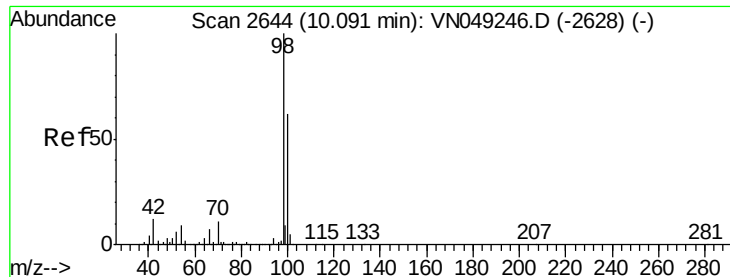
92 56.8 45.7 68.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 30.54 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. -0.00 min

Lab File: VN049764.D

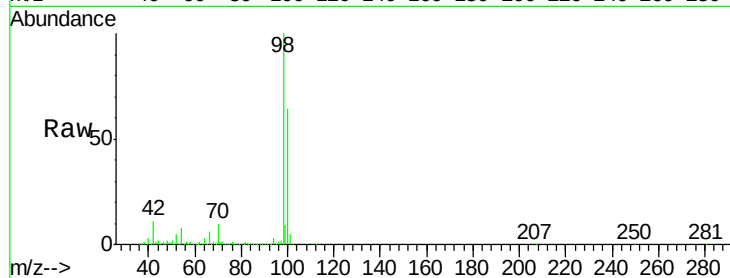
Acq: 11 Jul 2018 18:37

Tot Ion: 98 Resp: 1676022

Ion Ratio Lower Upper

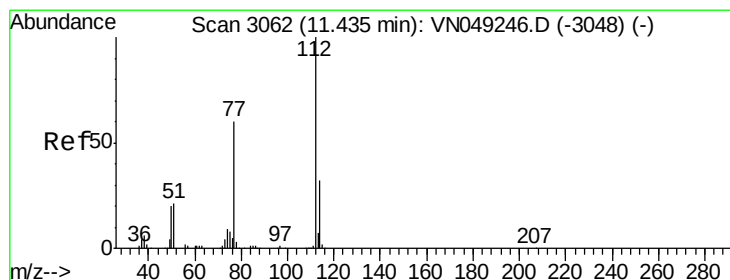
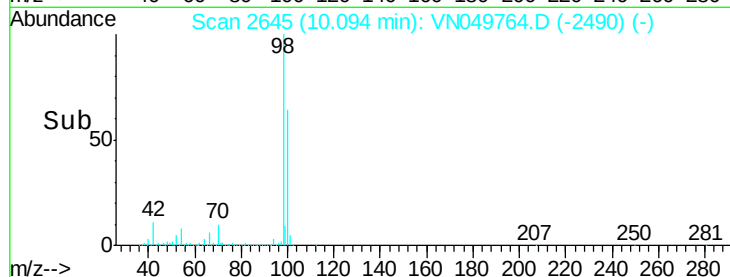
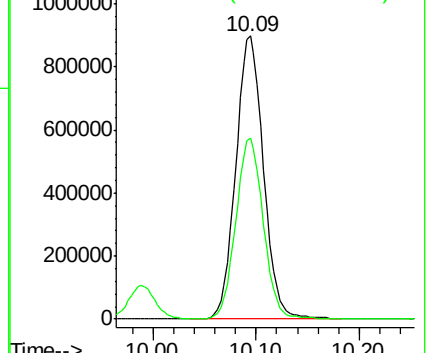
98 100

100 63.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#64

Chlorobenzene

Concen: 20.56 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN049764.D

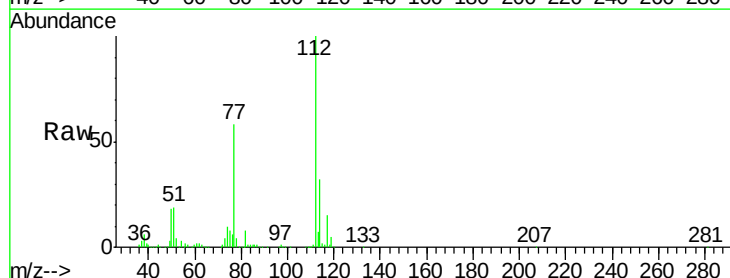
Acq: 11 Jul 2018 18:37

Tgt Ion: 112 Resp: 849246

Ion Ratio Lower Upper

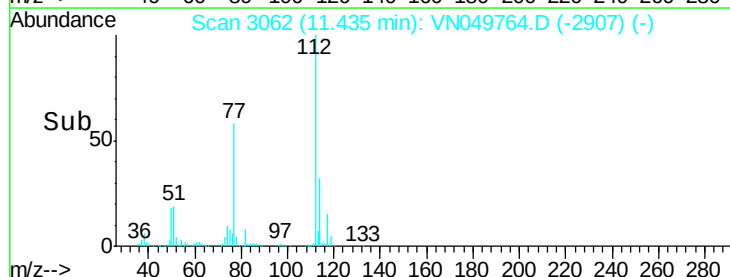
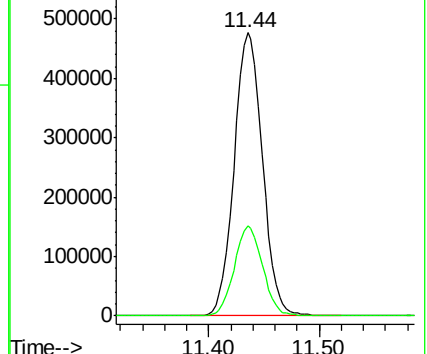
112 100

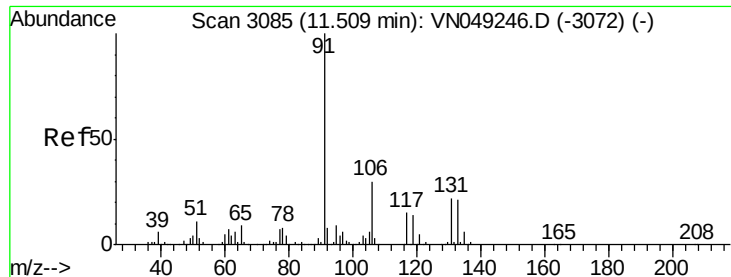
114 31.7 26.2 39.2



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V





#65

1,1,1,2-Tetrachloroethane

Concen: 20.78 ug/l

RT: 11.51 min Scan# 3086

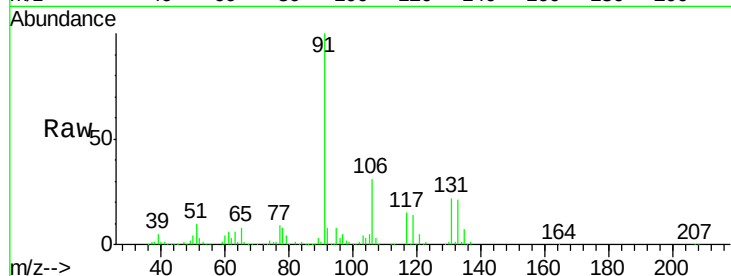
Delta R.T. 0.00 min

Lab File: VN049764.D

Acq: 11 Jul 2018 18:37

Tot Ion:131 Resp: 325690

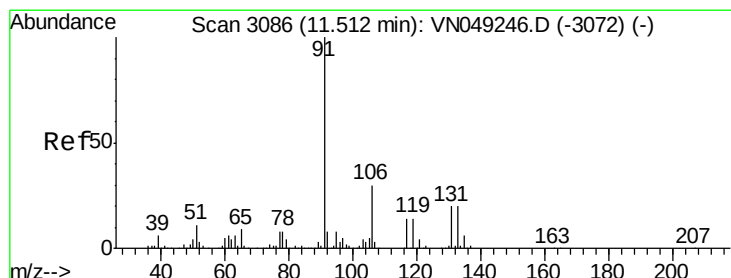
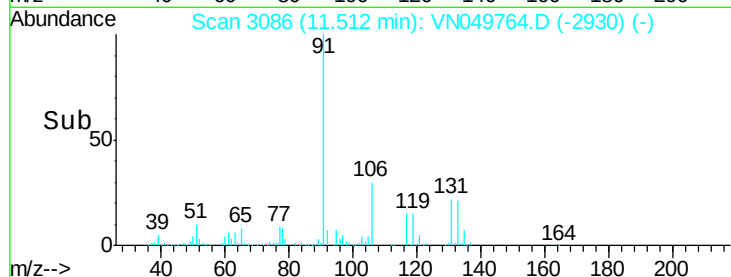
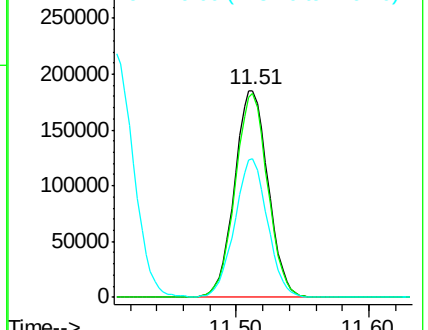
Ion	Ratio	Lower	Upper
131	100		
133	95.8	0.0	190.0
119	65.7	0.0	131.6



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 20.13 ug/l

RT: 11.51 min Scan# 3086

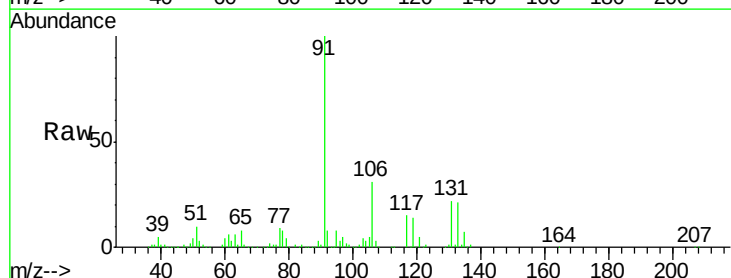
Delta R.T. -0.00 min

Lab File: VN049764.D

Acq: 11 Jul 2018 18:37

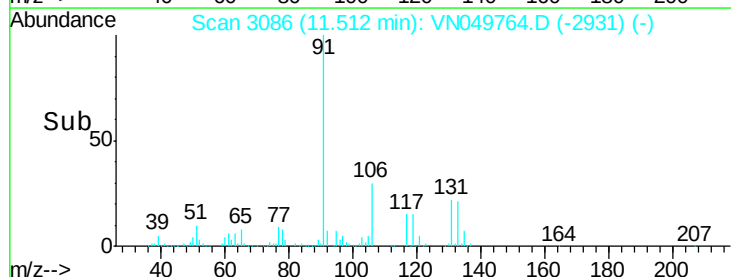
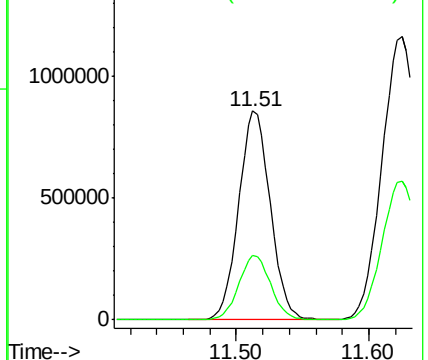
Tgt Ion: 91 Resp: 1421295

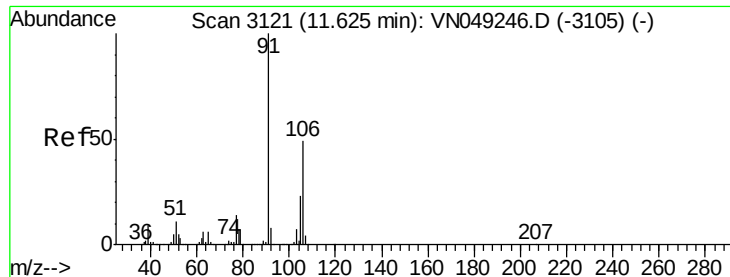
Ion	Ratio	Lower	Upper
91	100		
106	30.8	25.1	37.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 40.60 ug/l

RT: 11.62 min Scan# 3121

Delta R.T. 0.00 min

Lab File: VN049764.D

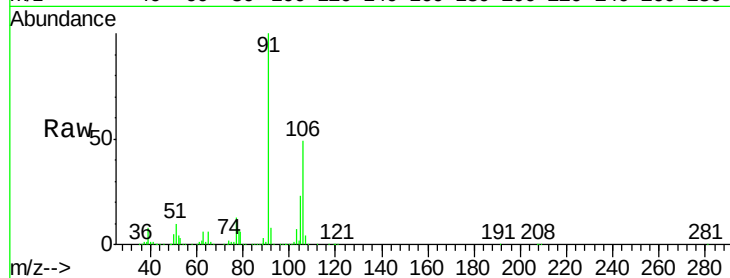
Acq: 11 Jul 2018 18:37

Tot Ion:106 Resp: 1102839

Ion Ratio Lower Upper

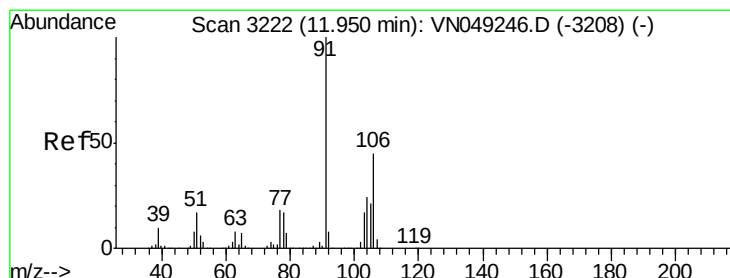
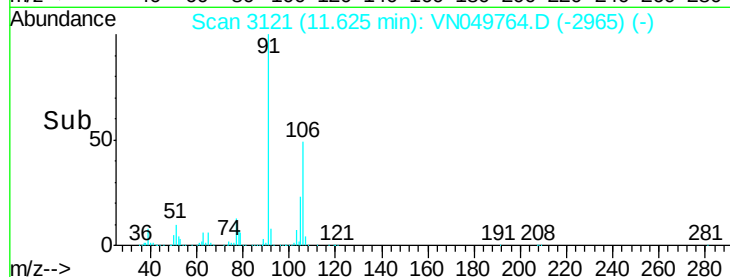
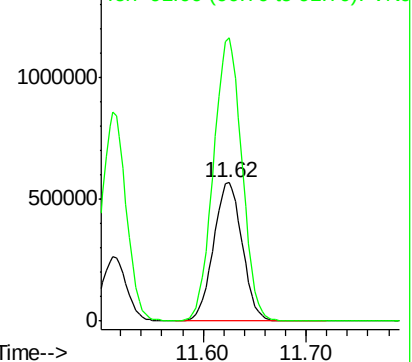
106 100

91 203.4 162.5 243.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#68

o-Xylene

Concen: 20.20 ug/l

RT: 11.95 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN049764.D

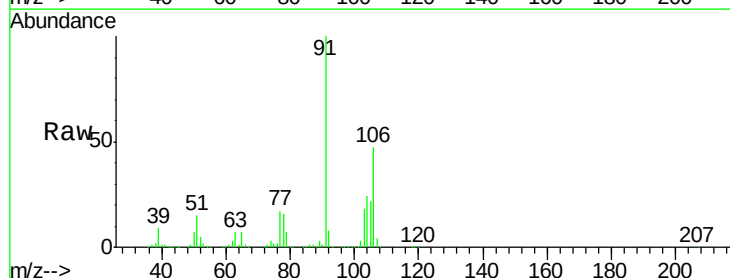
Acq: 11 Jul 2018 18:37

Tgt Ion:106 Resp: 524344

Ion Ratio Lower Upper

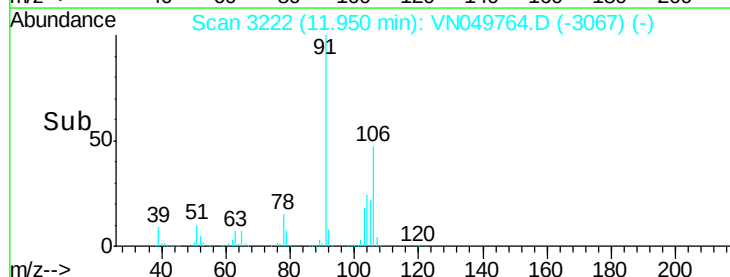
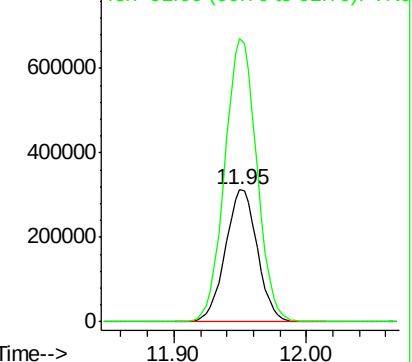
106 100

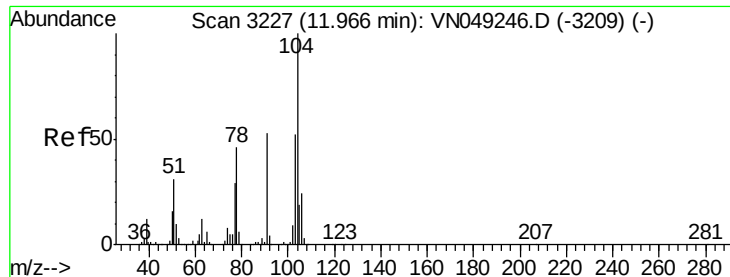
91 214.4 106.8 320.4



Abundance Ion 106.00 (105.70 to 106.70): V

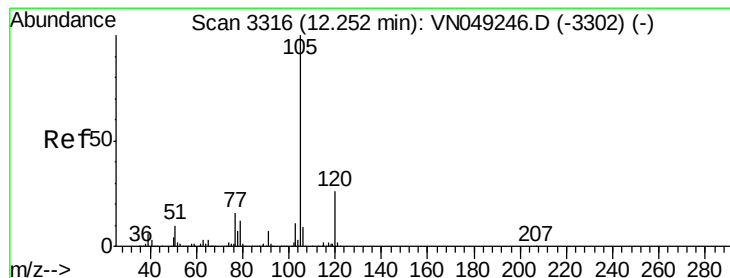
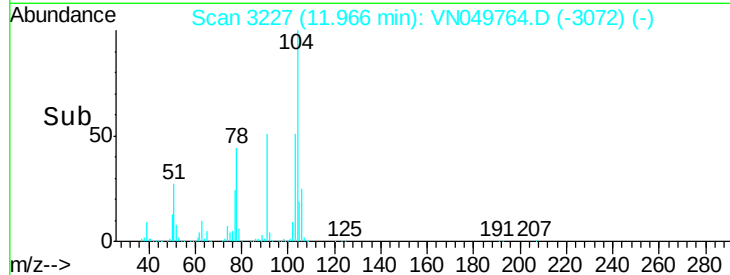
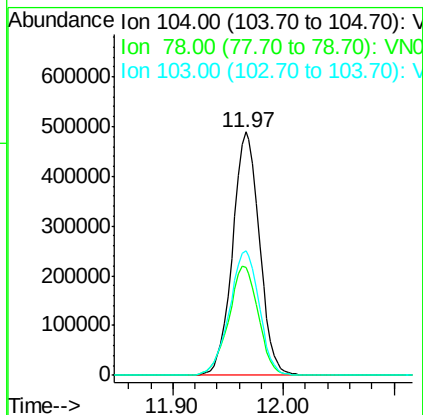
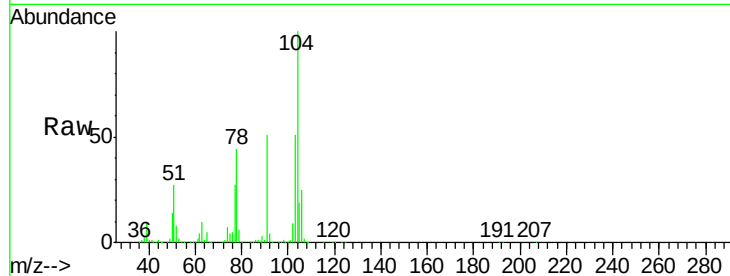
Ion 91.00 (90.70 to 91.70): VN0





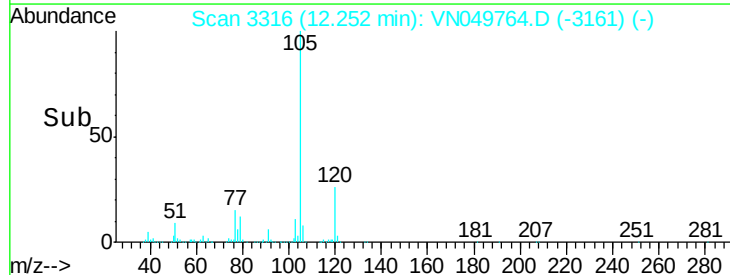
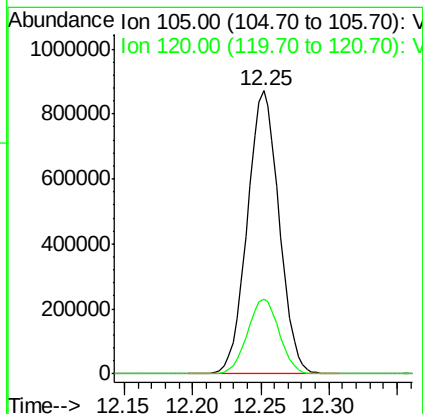
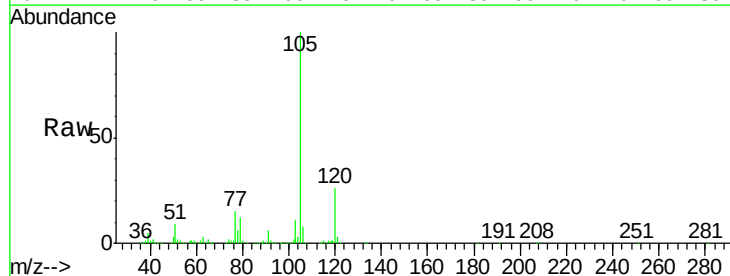
#69
 Stvrene
 Concen: 19.89 ug/l
 RT: 11.97 min Scan# 3227
 Delta R.T. -0.00 min
 Lab File: VN049764.D
 Acq: 11 Jul 2018 18:37

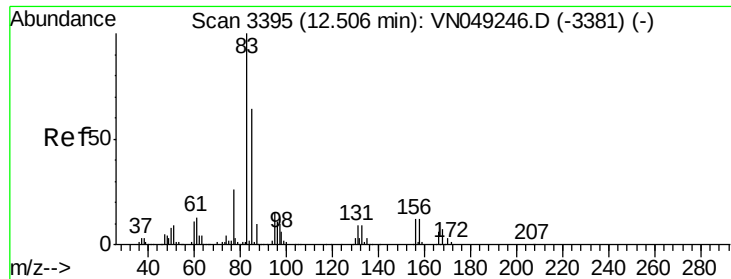
Tot Ion:104 Resp: 823809
 Ion Ratio Lower Upper
 104 100
 78 49.6 39.3 58.9
 103 56.9 44.5 66.7



#70
 Isopropylbenzene
 Concen: 20.42 ug/l
 RT: 12.25 min Scan# 3316
 Delta R.T. -0.00 min
 Lab File: VN049764.D
 Acq: 11 Jul 2018 18:37

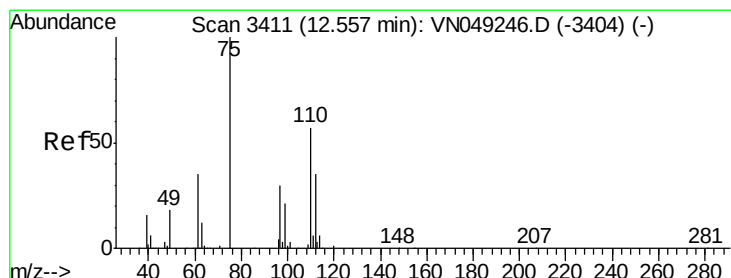
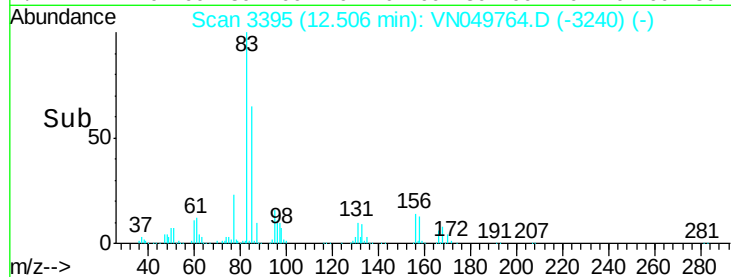
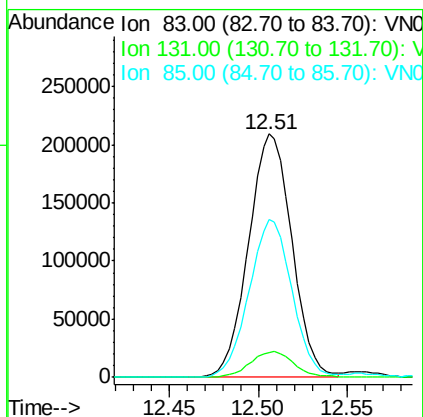
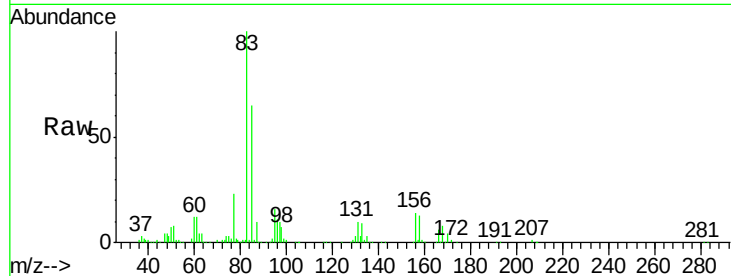
Tgt Ion:105 Resp: 1405311
 Ion Ratio Lower Upper
 105 100
 120 26.6 18.9 35.1





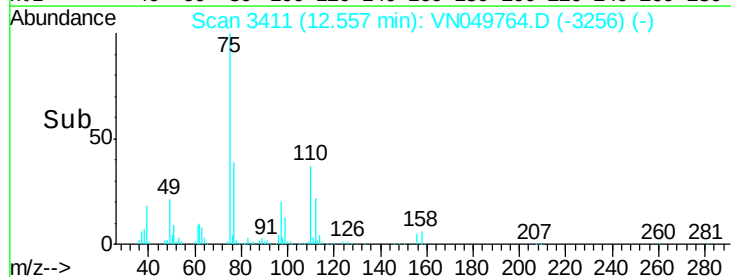
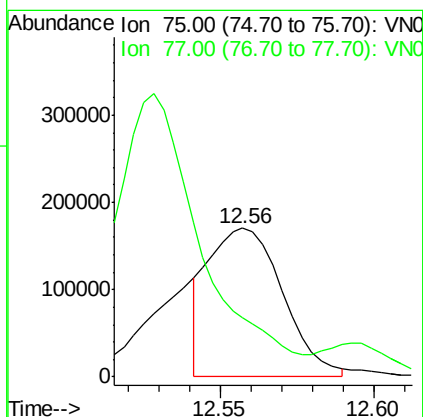
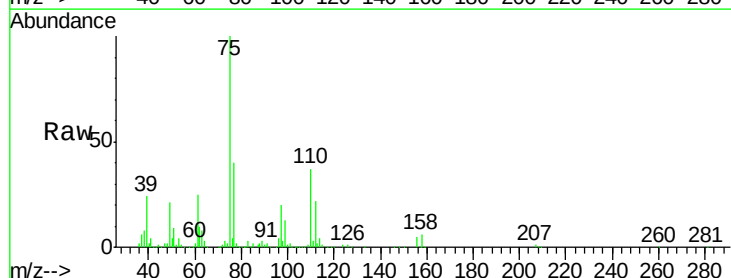
#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.14 ug/l
 RT: 12.51 min Scan# 3395
 Delta R.T. -0.00 min
 Lab File: VN049764.D
 Acq: 11 Jul 2018 18:37

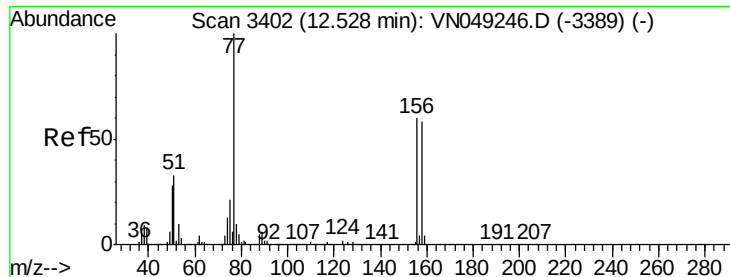
Tot Ion	83	Resp	355838
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.2	15.6
85	63.9	31.7	95.1



#72
 1,2,3-Trichloropropane
 Concen: 20.22 ug/l m
 RT: 12.56 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN049764.D
 Acq: 11 Jul 2018 18:37

Tgt Ion	75	Resp	286015
Ion Ratio	Lower	Upper	
75	100		
77	224.4	0.0	454.4





#73

Bromobenzene

Concen: 19.92 ug/l

RT: 12.53 min Scan# 3402

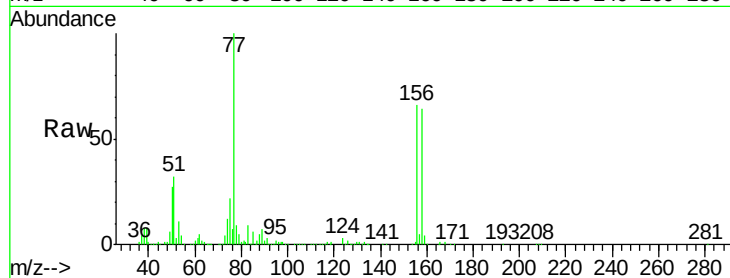
Delta R.T. -0.00 min

Lab File: VN049764.D

Acq: 11 Jul 2018 18:37

Tot Ion:156 Resp: 359487

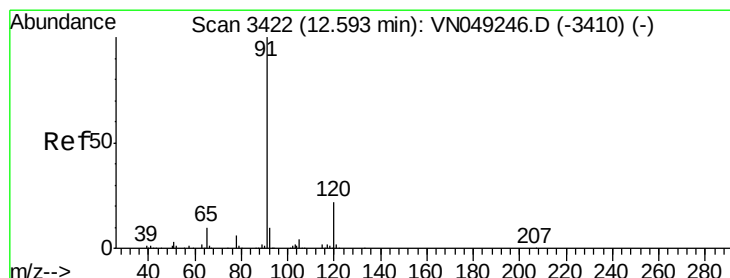
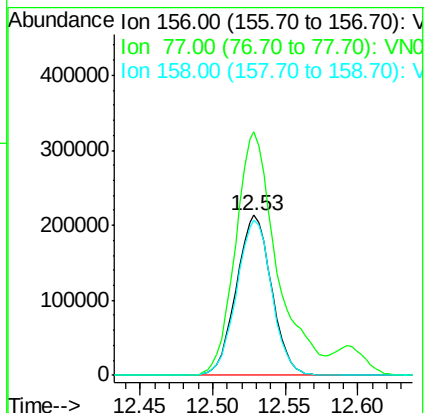
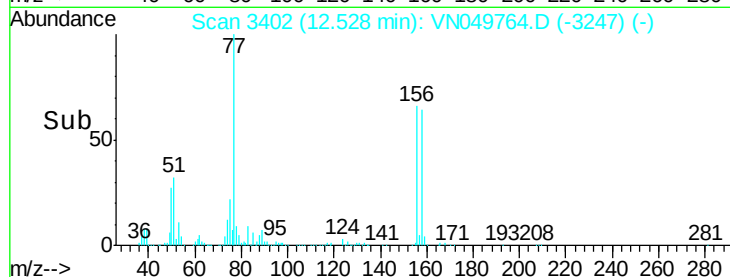
Ion	Ratio	Lower	Upper
156	100		
77	178.6	0.0	359.8
158	96.7	0.0	192.8



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 20.12 ug/l

RT: 12.59 min Scan# 3422

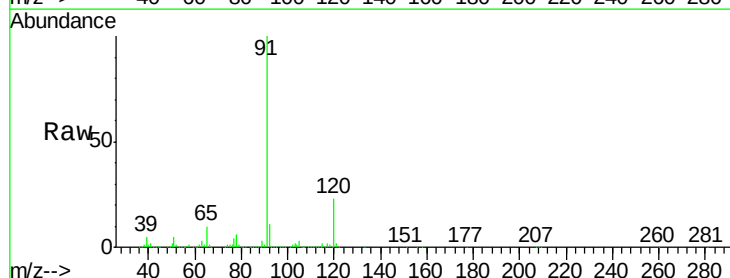
Delta R.T. -0.00 min

Lab File: VN049764.D

Acq: 11 Jul 2018 18:37

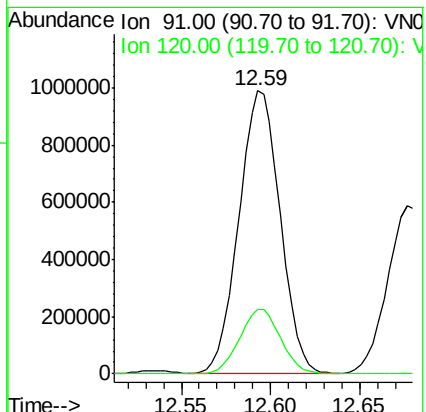
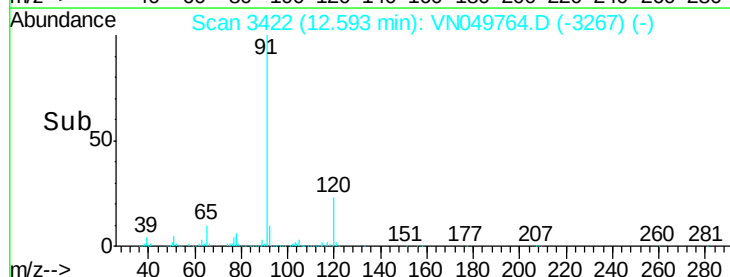
Tgt Ion: 91 Resp: 1602707

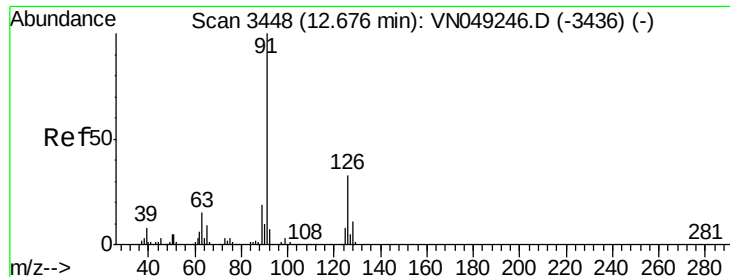
Ion	Ratio	Lower	Upper
91	100		
120	22.6	0.0	46.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.40 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. -0.00 min

Lab File: VN049764.D

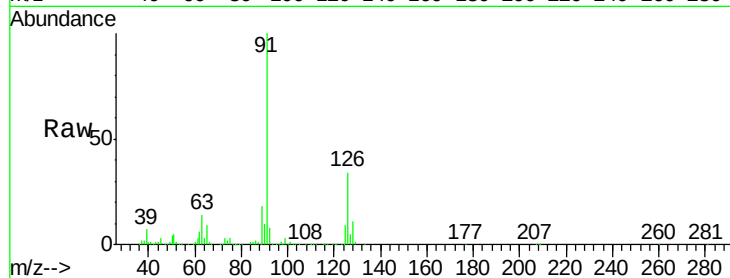
Acq: 11 Jul 2018 18:37

Tot Ion: 91 Resp: 974889

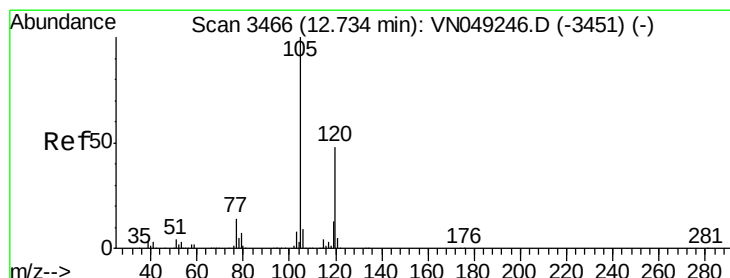
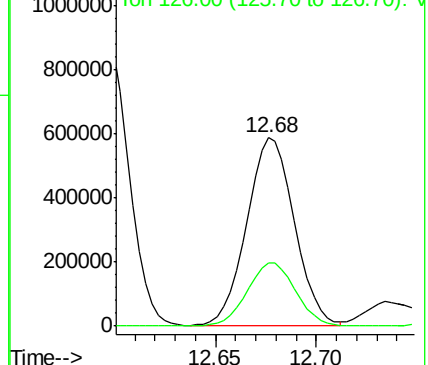
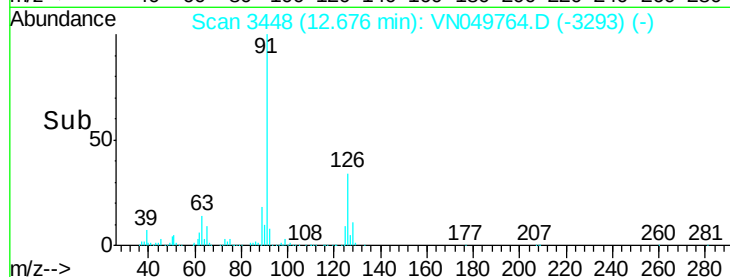
Ion Ratio Lower Upper

91 100

126 34.1 0.0 68.6



Abundance Ion 91.00 (90.70 to 91.70): VN049764.D (-3293) (-)



#76

1,3,5-Trimethylbenzene

Concen: 20.67 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.00 min

Lab File: VN049764.D

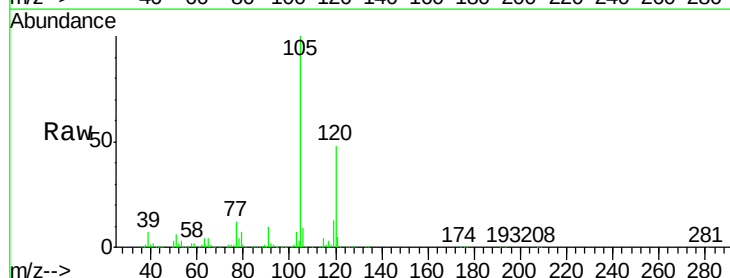
Acq: 11 Jul 2018 18:37

Tgt Ion: 105 Resp: 1156169

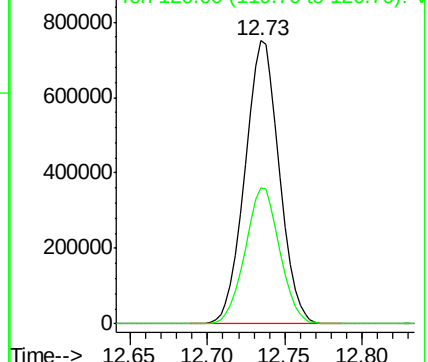
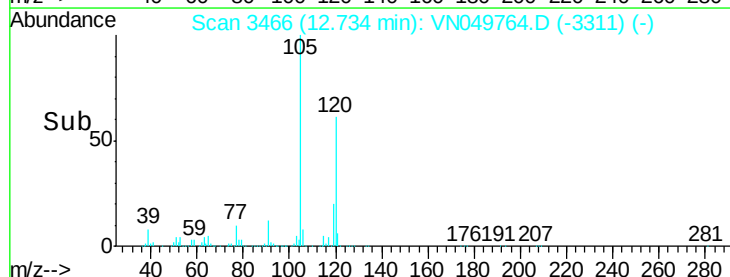
Ion Ratio Lower Upper

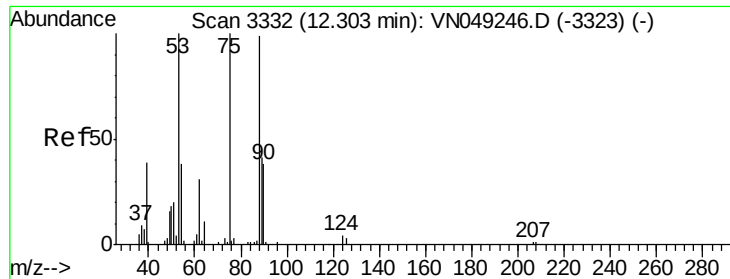
105 100

120 48.6 0.0 98.0



Abundance Ion 105.00 (104.70 to 105.70): VN049764.D (-3311) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 17.92 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. -0.00 min

Lab File: VN049764.D

Acq: 11 Jul 2018 18:37

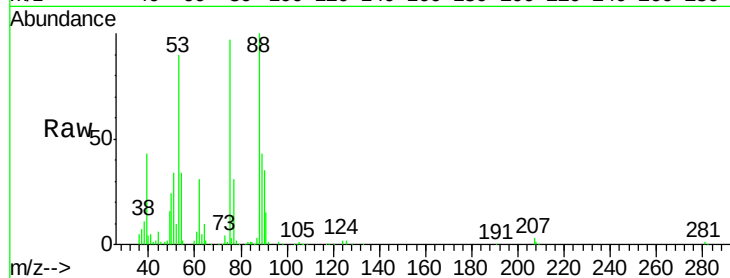
Tot Ion: 75 Resp: 88862

Ion Ratio Lower Upper

75 100

53 92.8 44.6 134.0

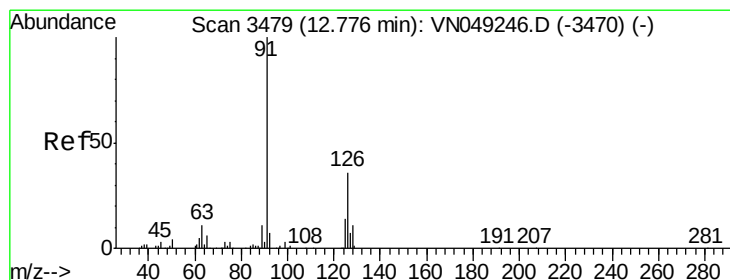
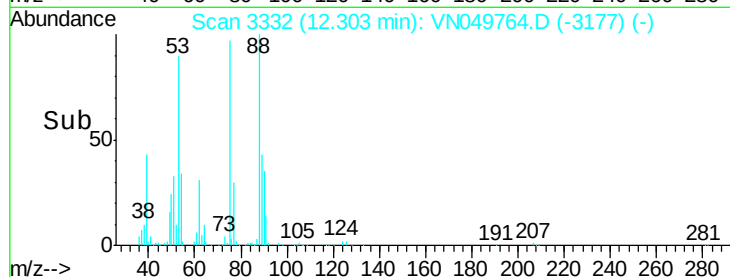
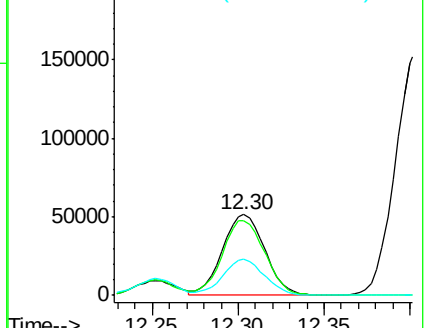
89 44.6 20.7 62.1



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 89.00 (88.70 to 89.70): VN0



#78

4-Chlorotoluene

Concen: 19.94 ug/l

RT: 12.78 min Scan# 3479

Delta R.T. -0.00 min

Lab File: VN049764.D

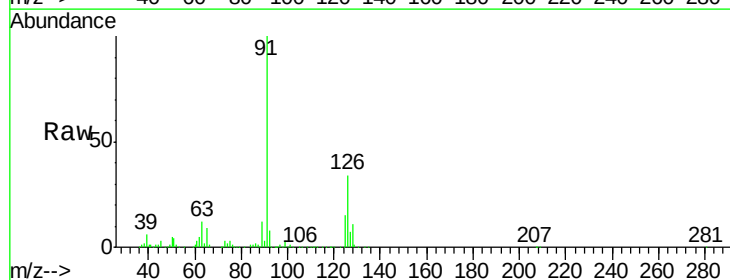
Acq: 11 Jul 2018 18:37

Tgt Ion: 91 Resp: 950411

Ion Ratio Lower Upper

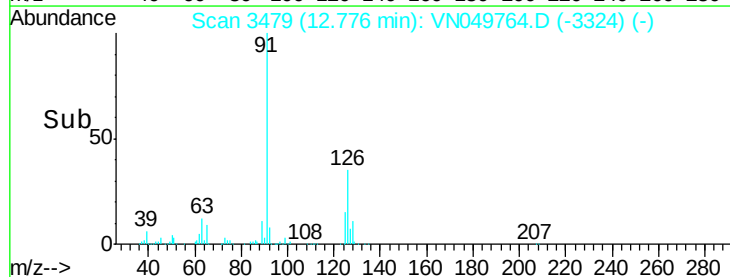
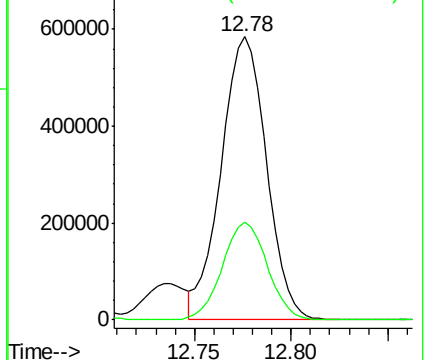
91 100

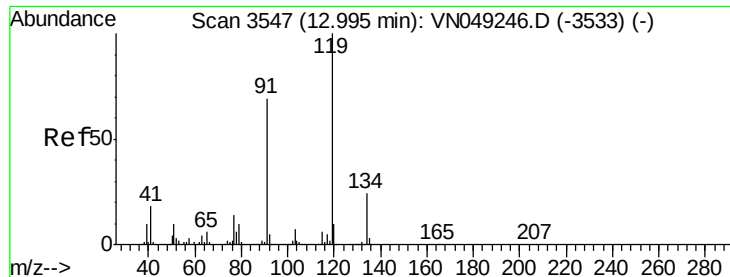
126 34.3 0.0 68.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

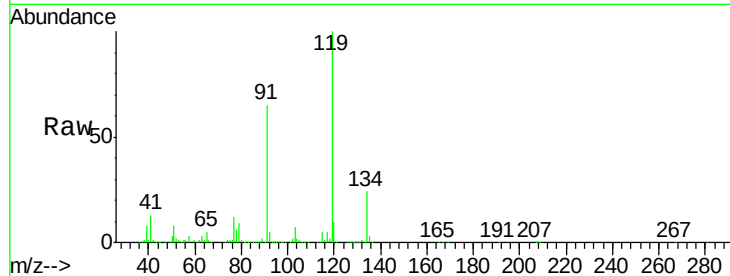
Ion 126.00 (125.70 to 126.70): V



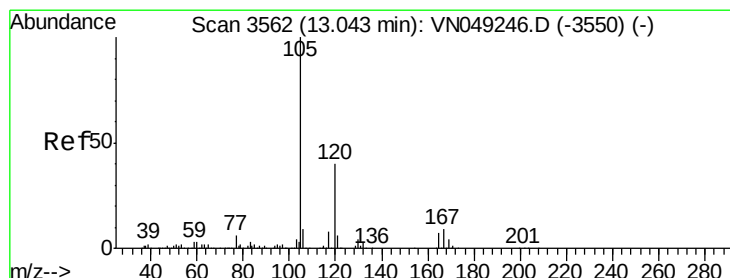
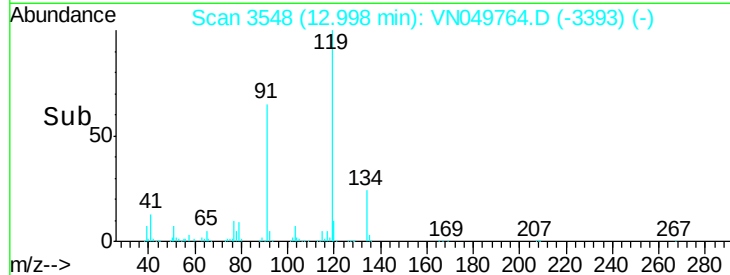
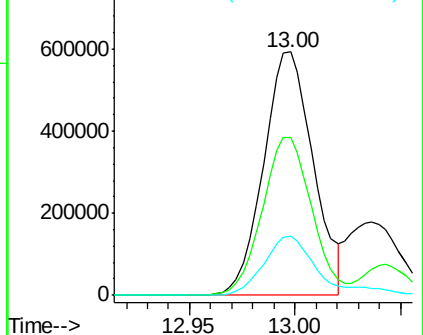


#79
 tert-butylbenzene
 Concen: 20.02 ug/l
 RT: 13.00 min Scan# 3548
 Delta R.T. -0.00 min
 Lab File: VN049764.D
 Acq: 11 Jul 2018 18:37

Tot Ion:119 Resp: 971887
 Ion Ratio Lower Upper
 119 100
 91 64.4 0.0 126.8
 134 24.6 0.0 47.4

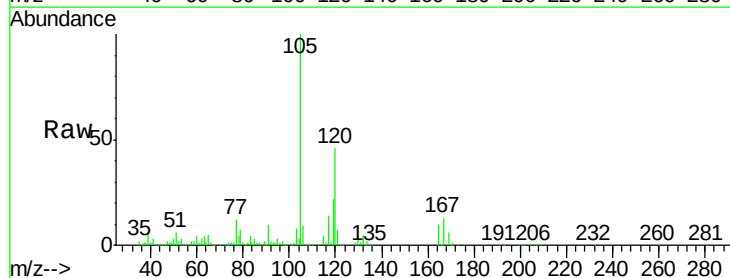


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

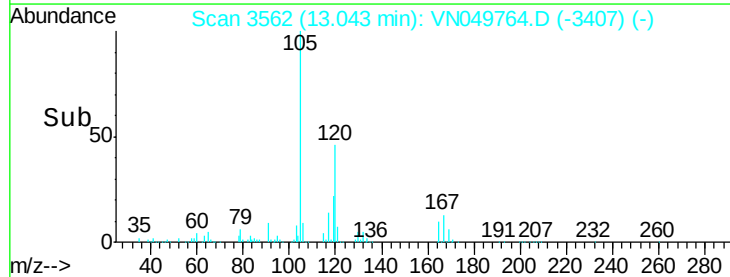
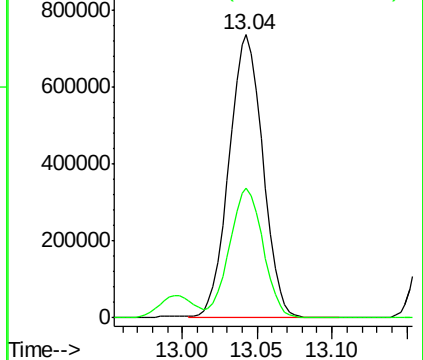


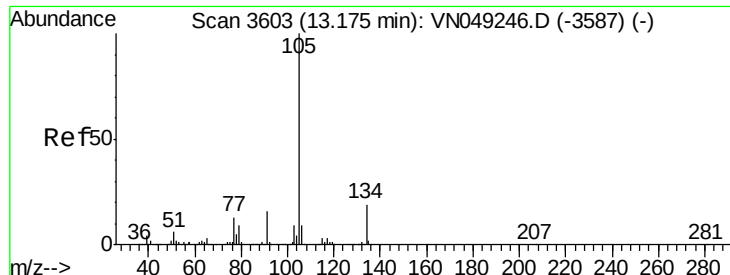
#80
 1,2,4-Trimethylbenzene
 Concen: 20.55 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. -0.00 min
 Lab File: VN049764.D
 Acq: 11 Jul 2018 18:37

Tgt Ion:105 Resp: 1160526
 Ion Ratio Lower Upper
 105 100
 120 45.5 0.0 90.6



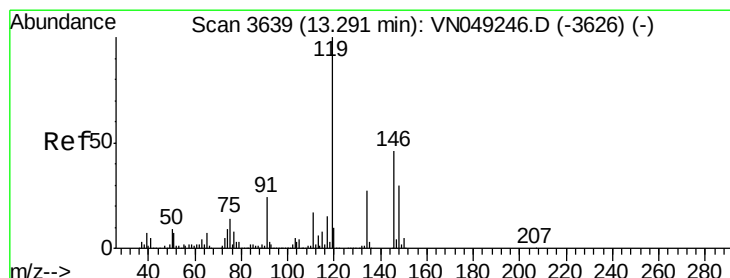
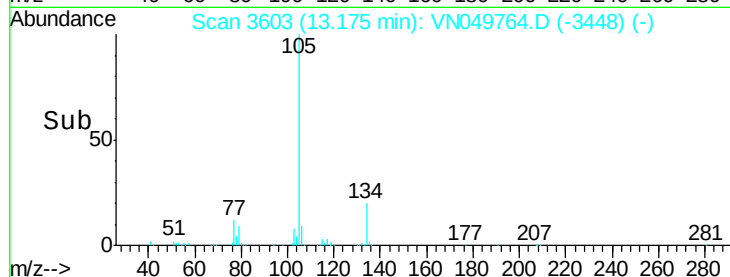
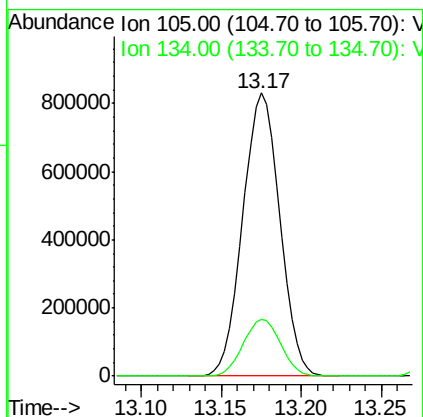
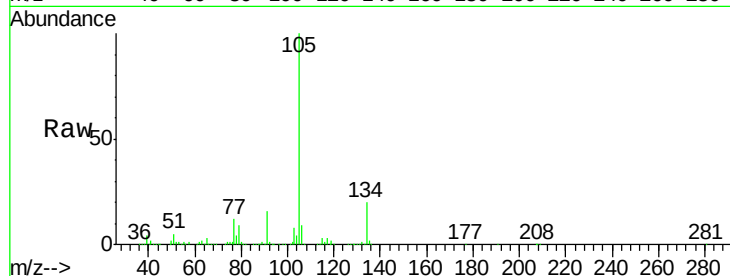
Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





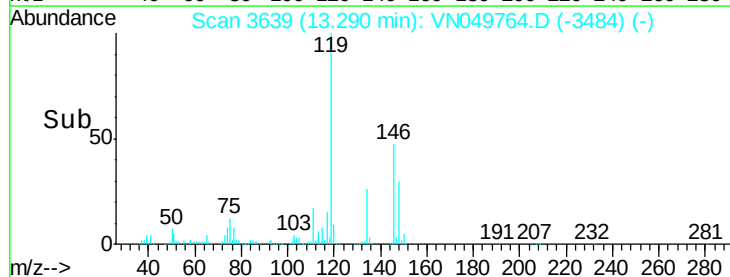
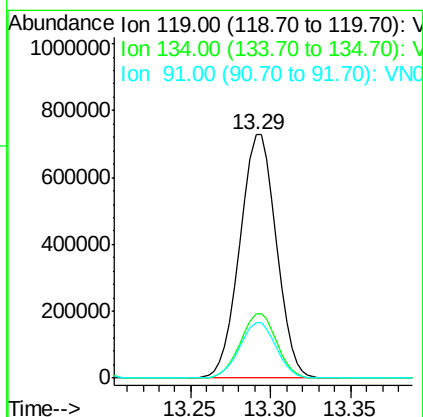
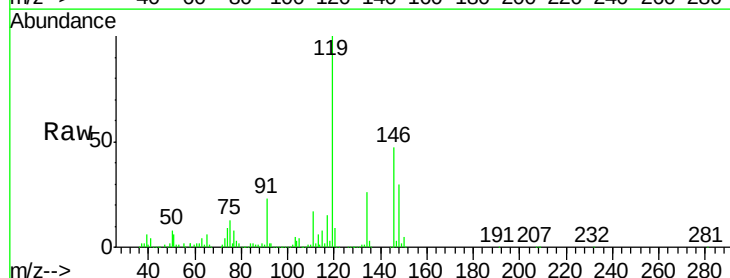
#81
 sec-Butylbenzene
 Concen: 20.15 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. -0.00 min
 Lab File: VN049764.D
 Acq: 11 Jul 2018 18:37

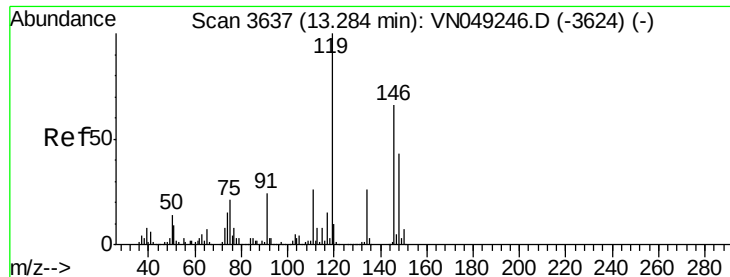
Tot Ion:105 Resp: 1313742
 Ion Ratio Lower Upper
 105 100
 134 20.3 0.0 40.6



#82
 p-Isopropyltoluene
 Concen: 20.02 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. -0.00 min
 Lab File: VN049764.D
 Acq: 11 Jul 2018 18:37

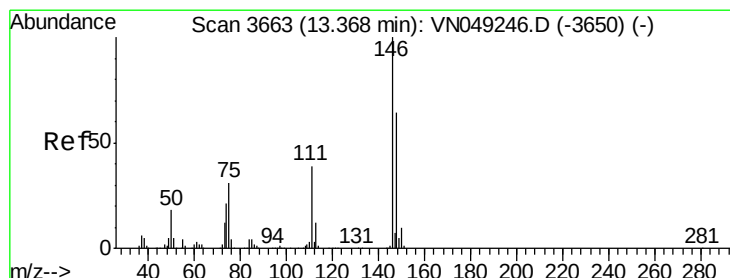
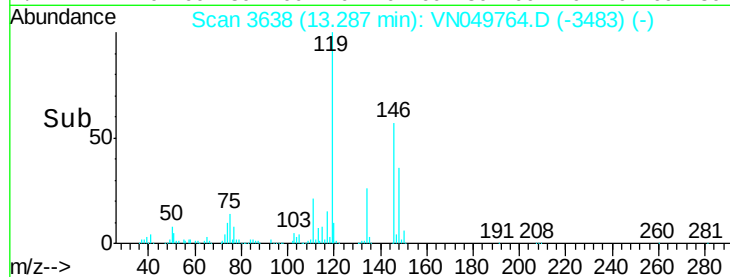
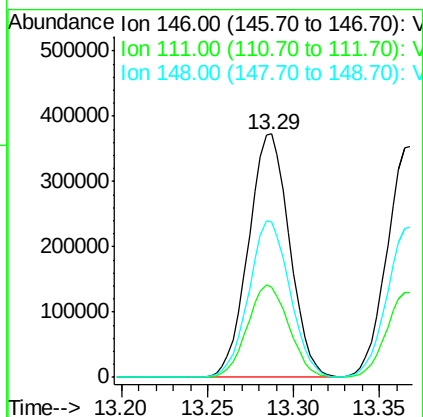
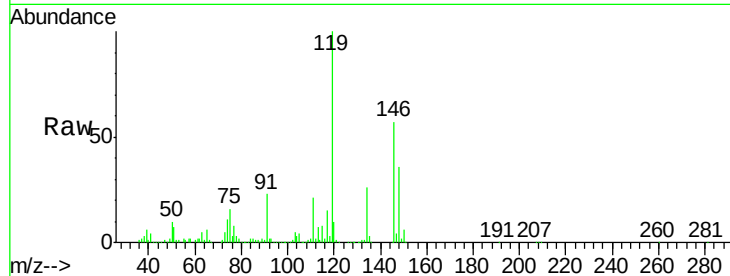
Tgt Ion:119 Resp: 1128851
 Ion Ratio Lower Upper
 119 100
 134 26.5 0.0 52.2
 91 22.7 0.0 45.6





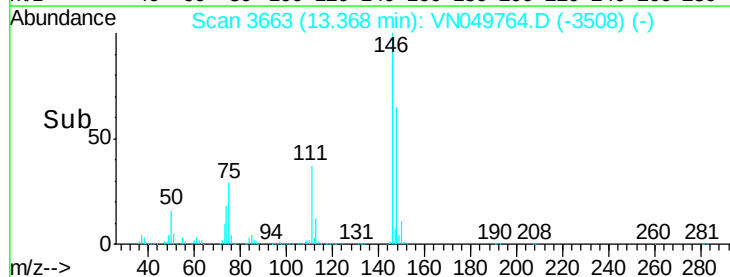
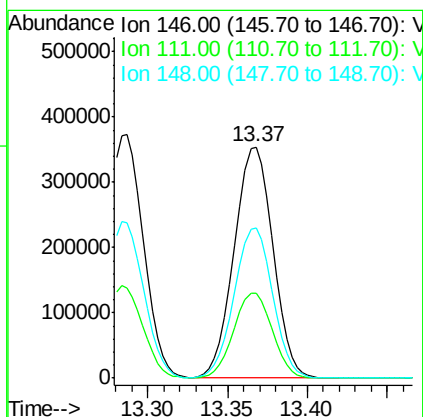
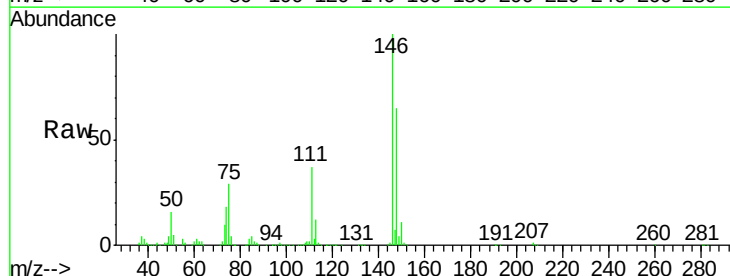
#83
 1,3-Dichlorobenzene
 Concen: 19.71 ug/l
 RT: 13.29 min Scan# 3638
 Delta R.T. -0.00 min
 Lab File: VN049764.D
 Acq: 11 Jul 2018 18:37

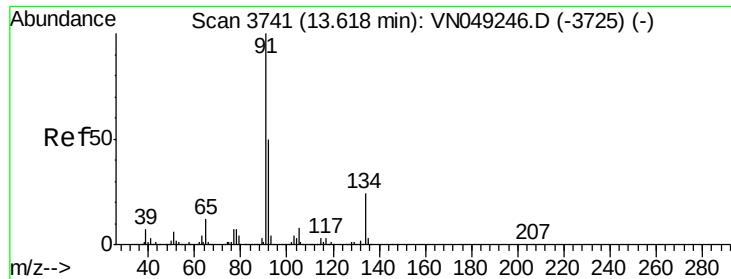
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.1	57.1
148	64.5	31.9	95.9



#84
 1,4-Dichlorobenzene
 Concen: 19.56 ug/l
 RT: 13.37 min Scan# 3663
 Delta R.T. -0.00 min
 Lab File: VN049764.D
 Acq: 11 Jul 2018 18:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	17.9	53.8
148	63.9	32.4	97.0





#85

n-Butylbenzene

Concen: 18.86 ug/l

RT: 13.62 min Scan# 3741

Delta R.T. -0.00 min

Lab File: VN049764.D

Acq: 11 Jul 2018 18:37

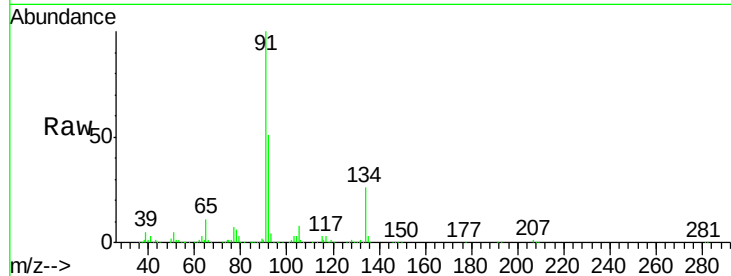
Tot Ion: 91 Resp: 865825

Ion Ratio Lower Upper

91 100

92 51.4 0.0 102.8

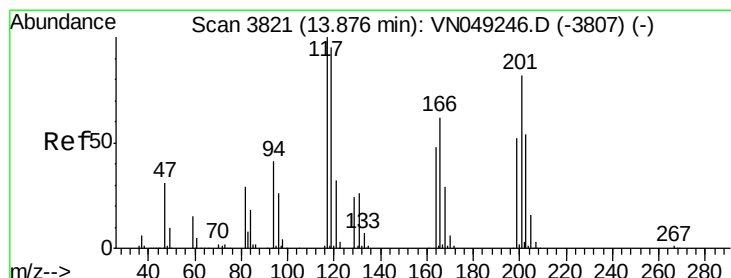
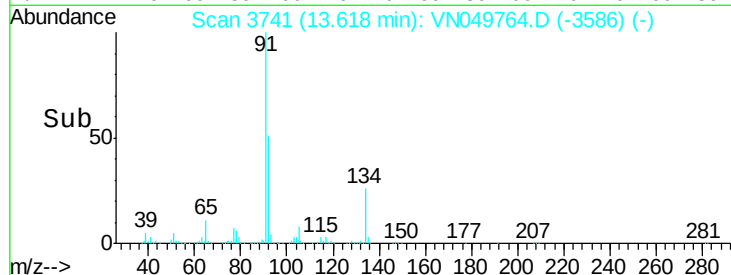
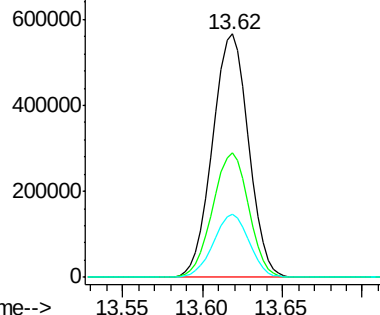
134 25.7 0.0 51.0



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

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

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



#86

Hexachloroethane

Concen: 19.68 ug/l

RT: 13.88 min Scan# 3821

Delta R.T. -0.00 min

Lab File: VN049764.D

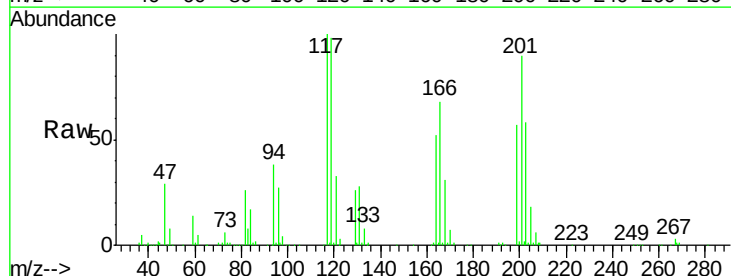
Acq: 11 Jul 2018 18:37

Tgt Ion: 117 Resp: 211075

Ion Ratio Lower Upper

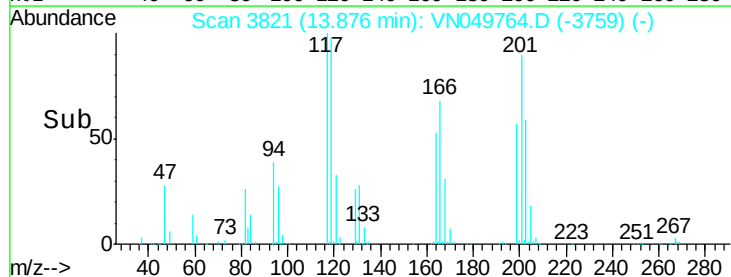
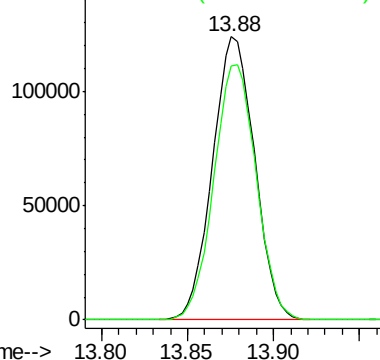
117 100

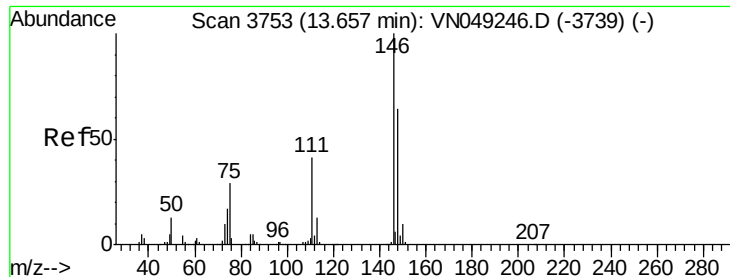
201 90.6 46.6 139.7



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

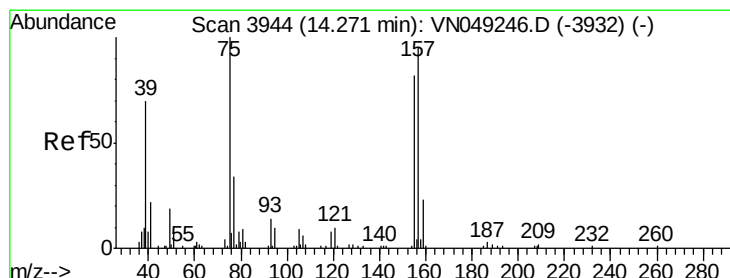
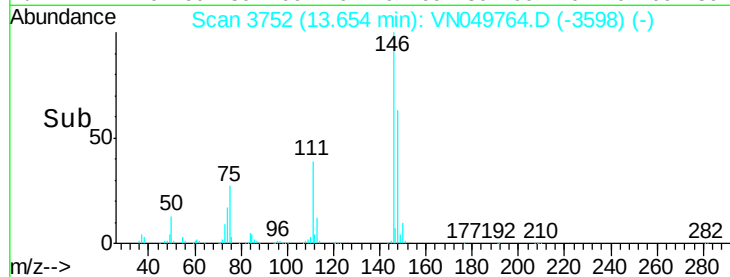
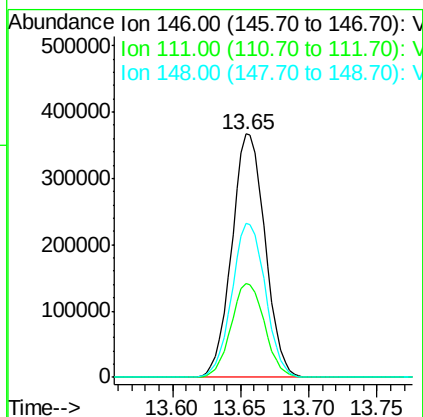
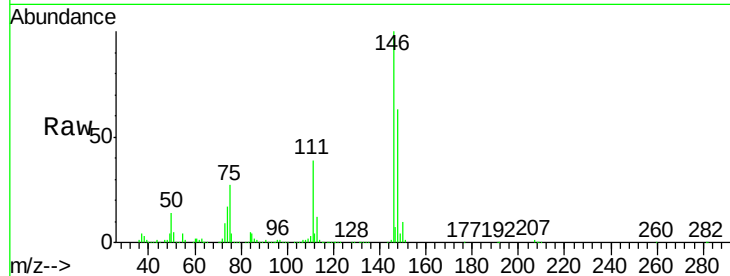
Ion 201.00 (200.70 to 201.70): VN049246.D (-3807) (-)





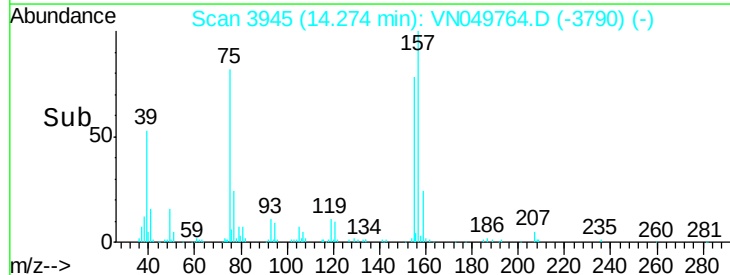
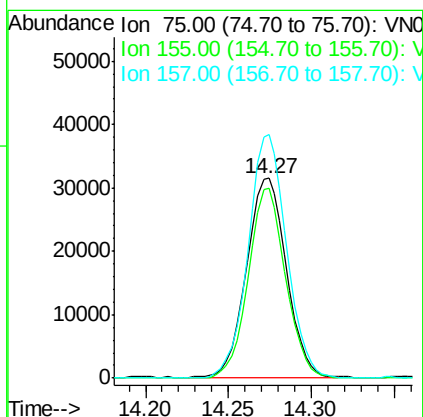
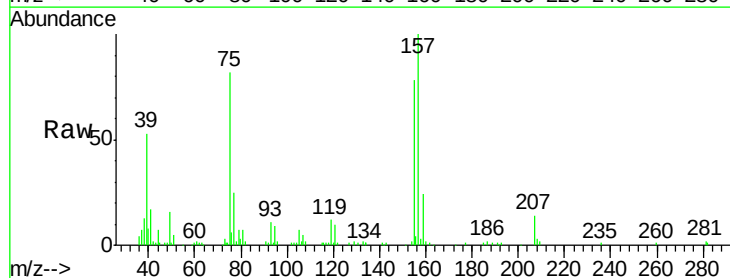
#87
 1,2-Dichlorobenzene
 Concen: 20.61 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. -0.00 min
 Lab File: VN049764.D
 Acq: 11 Jul 2018 18:37

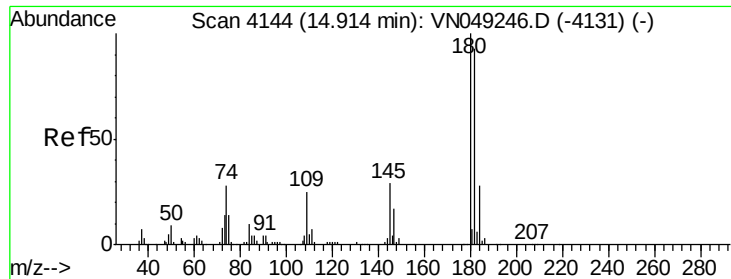
Tot Ion:146	Resp:	621455
Ion Ratio	Lower	Upper
146	100	
111	38.6	19.8 59.3
148	63.7	31.8 95.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.21 ug/l
 RT: 14.27 min Scan# 3945
 Delta R.T. -0.00 min
 Lab File: VN049764.D
 Acq: 11 Jul 2018 18:37

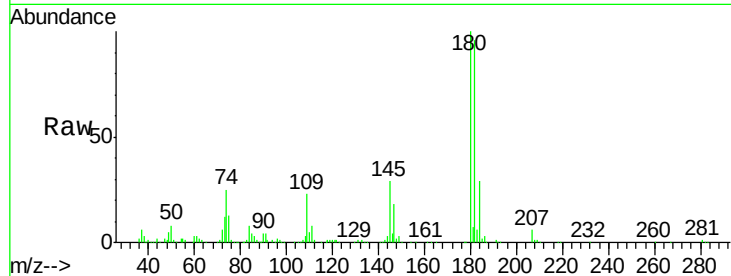
Tgt Ion: 75	Resp:	53173
Ion Ratio	Lower	Upper
75	100	
155	88.0	73.0 109.6
157	116.4	94.9 142.3



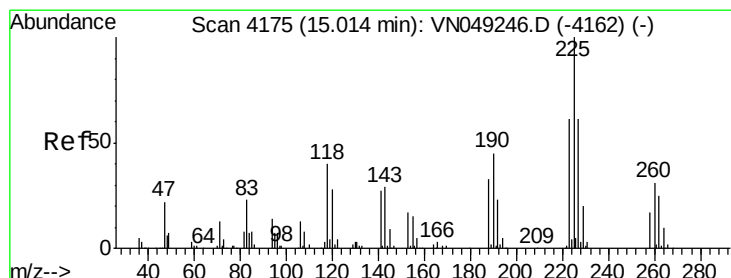
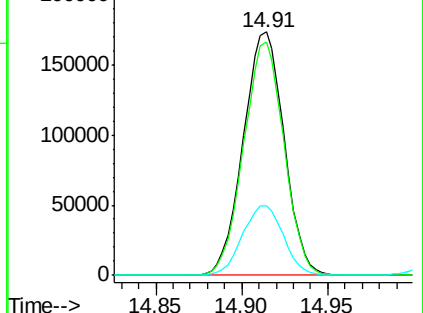
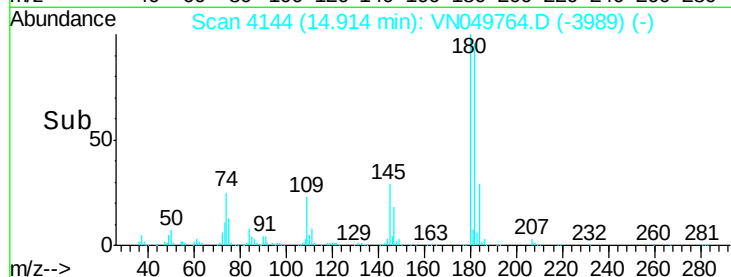


#89
 1,2,4-Trichlorobenzene
 Concen: 18.82 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. -0.00 min
 Lab File: VN049764.D
 Acq: 11 Jul 2018 18:37

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.7	115.1
145	28.5	23.4	35.0

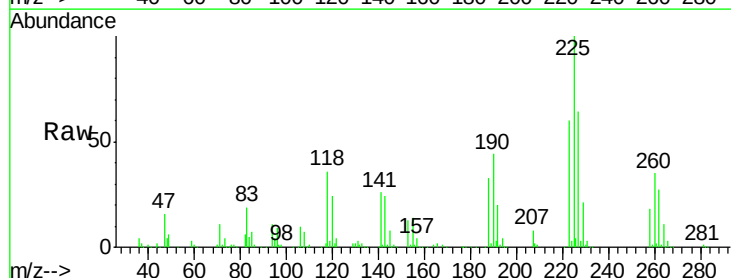


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

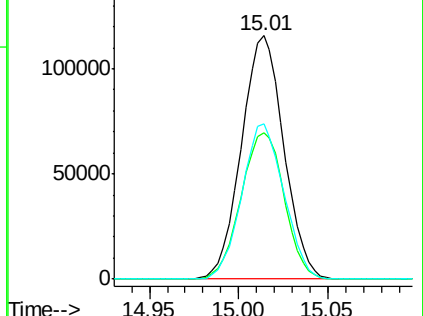
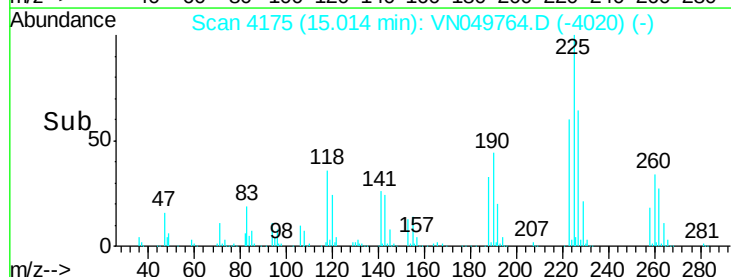


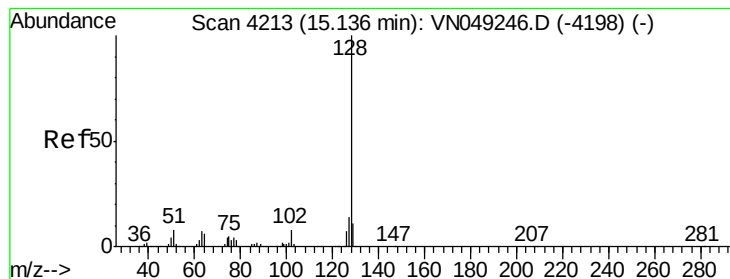
#90
 Hexachlorobutadiene
 Concen: 19.78 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. -0.00 min
 Lab File: VN049764.D
 Acq: 11 Jul 2018 18:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	0.0	124.4
227	62.9	0.0	133.0



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





#91

Naphthalene

Concen: 17.37 ug/l

RT: 15.14 min Scan# 4213

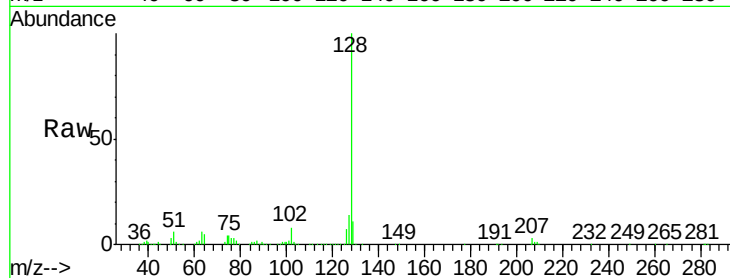
Delta R.T. -0.00 min

Lab File: VN049764.D

Acq: 11 Jul 2018 18:37

Tot Ion:128 Resp: 583111

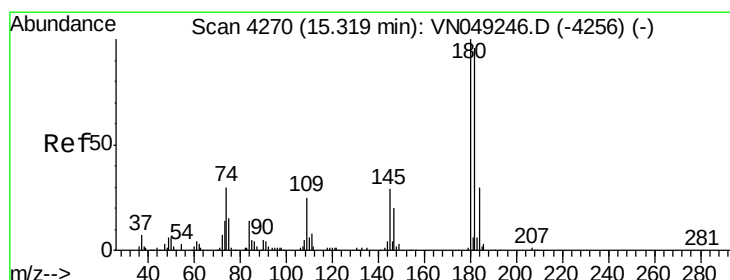
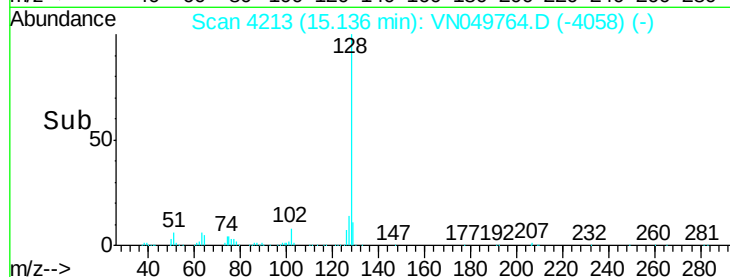
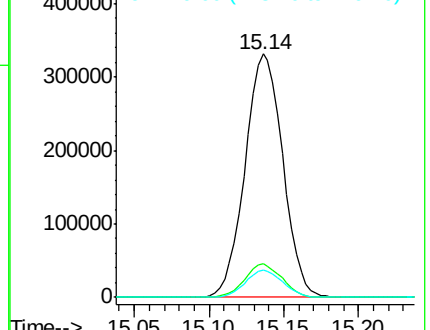
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.2	15.4
129	11.0	9.0	13.4



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 19.87 ug/l

RT: 15.32 min Scan# 4270

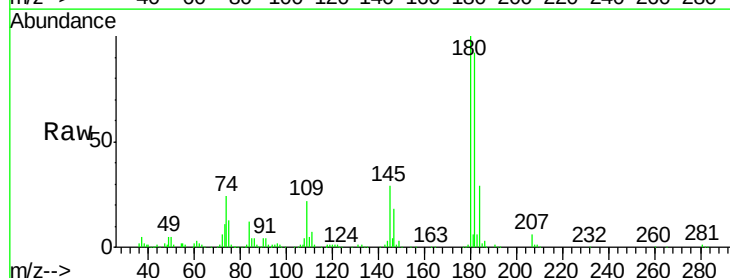
Delta R.T. -0.00 min

Lab File: VN049764.D

Acq: 11 Jul 2018 18:37

Tgt Ion:180 Resp: 303590

Ion	Ratio	Lower	Upper
180	100		
182	93.3	0.0	188.8
145	29.9	0.0	60.8



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

