

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

Quant Time: Jul 12 01:32:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N071118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 12 01:30:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	264483	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	1419066	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	1272372	30.00	ug/l	0.00

System Monitoring Compounds

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

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	1046162	62.664 ug/l	98
3) Chloromethane	2.06	50	1033925	61.266 ug/l	100
4) Vinyl Chloride	2.18	62	1094713	63.545 ug/l	97
5) Bromomethane	2.56	94	610896	65.885 ug/l	99
6) Chloroethane	2.70	64	626021	57.221 ug/l	99
7) Trichlorofluoromethane	3.01	101	1375325	57.735 ug/l	99
8) Diethyl Ether	3.41	74	465759	50.367 ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	819121	51.512 ug/l	99
10) 1,1-Dichloroethene	3.73	96	757499	51.221 ug/l	96
11) Methyl Iodide	3.95	142	1194965	68.790 ug/l	100
12) Methyl Acetate	4.33	43	745297	50.016 ug/l	99
13) Acrolein	3.61	56	372105	251.919 ug/l	96
14) Acrylonitrile	5.00	53	1349007	240.867 ug/l	99
15) Acetone	3.82	58	335348	266.235 ug/l	99
16) Carbon Disulfide	4.05	76	2343723	49.491 ug/l	100
17) Allyl chloride	4.32	41	1215481	45.863 ug/l	99
18) Methylene Chloride	4.55	84	874458	50.046 ug/l	99
19) trans-1,2-Dichloroethene	5.04	96	805745	51.429 ug/l	99
20) Diisopropyl ether	5.96	45	2473749	45.277 ug/l	98
21) 1,1-Dichloroethane	5.85	63	1487978	46.884 ug/l	99
22) cis-1,2-Dichloroethene	6.83	96	894264	50.387 ug/l	99
23) tert-Butyl Alcohol	4.80	59	281284	266.995 ug/l	# 100
24) Methyl tert-Butyl Ether	5.05	73	2075791	51.128 ug/l	100
25) Chloroform	7.37	83	1502274	48.492 ug/l	99
26) Cyclohexane	7.65	56	1293326	47.729 ug/l	# 98
29) 1,1-Dichloropropene	7.79	75	1157899	50.051 ug/l	99
30) 2-Butanone	6.84	43	1618929	256.270 ug/l	99
31) 2,2-Dichloropropane	6.83	77	1208796	54.686 ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	1304608	49.980 ug/l	100
33) Carbon Tetrachloride	7.77	117	1162381	50.727 ug/l	99
34) Benzene	8.04	78	3426675	48.838 ug/l	# 93
35) Methacrylonitrile	7.18	41	402042	50.780 ug/l	96
36) 1,2-Dichloroethane	8.13	62	1094148	48.777 ug/l	99
37) Trichloroethene	8.84	130	893089	51.921 ug/l	97
38) Methylcyclohexane	9.08	83	1239020	51.781 ug/l	98
39) 1,2-Dichloropropane	9.12	63	897071	47.023 ug/l	99
40) Dibromomethane	9.21	93	539607	50.517 ug/l	99

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.41	83	1145017	48.537	ug/l	99
42) Vinyl Acetate	5.90	43	8689730	237.650	ug/l	100
43) Ethyl Acetate	6.94	43	715425	50.116	ug/l	92
44) Isopropyl Acetate	8.17	43	1282674	47.052	ug/l	99
45) 1,4-Dioxane	9.20	88	170020	1095.674	ug/l	98
46) Methyl methacrylate	9.20	41	664944	51.539	ug/l	99
47) n-amyl Acetate	12.07	43	1117784	51.560	ug/l	99
48) t-1,3-Dichloropropene	10.38	75	1177804	51.116	ug/l	99
49) cis-1,3-Dichloropropene	9.84	75	1349737	50.371	ug/l	99
50) 1,1,2-Trichloroethane	10.56	97	762282	49.958	ug/l	99
51) Ethyl methacrylate	10.43	69	993270	52.374	ug/l	99
52) 1,3-Dichloropropane	10.71	76	1287003	49.649	ug/l	99
53) Dibromochloromethane	10.90	129	884608	52.136	ug/l	100
54) 1,2-Dibromoethane	11.01	107	757150	53.178	ug/l	100
55) 2-Chloroethyl vinyl ether	9.70	63	2527565	378.029	ug/l	100
56) Bromoform	12.13	173	617060	56.496	ug/l	99
58) 4-Methyl-2-Pentanone	9.99	43	3593686	250.075	ug/l	98
59) 2-Hexanone	10.75	43	2455883	270.016	ug/l	99
61) Tetrachloroethene	10.63	164	819782	49.294	ug/l	99
62) Toluene	10.16	91	3709862	50.309	ug/l	99
64) Chlorobenzene	11.44	112	2268022	52.060	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.51	131	857372	52.311	ug/l	99
66) Ethyl Benzene	11.51	91	3970134	51.854	ug/l	99
67) m/p-Xylenes	11.62	106	3061655	106.759	ug/l	100
68) o-Xylene	11.95	106	1463182	52.641	ug/l	100
69) Styrene	11.97	104	2371646	53.530	ug/l	100
70) Isopropylbenzene	12.25	105	3899431	52.953	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.51	83	969821	53.666	ug/l	99
72) 1,2,3-Trichloropropane	12.56	75	1191927	81.490	ug/l	53
73) Bromobenzene	12.53	156	1005194	56.112	ug/l	99
74) n-propylbenzene	12.59	91	4517511	52.979	ug/l	100
75) 2-Chlorotoluene	12.68	91	2682050	51.661	ug/l	99
76) 1,3,5-Trimethylbenzene	12.73	105	3179167	53.151	ug/l	100
77) t-1,4-Dichloro-2-butene	12.30	75	280721	59.184	ug/l	97
78) 4-Chlorotoluene	12.78	91	2685945	53.115	ug/l	99
79) tert-butylbenzene	12.99	119	2739724	54.438	ug/l	99
80) 1,2,4-Trimethylbenzene	13.04	105	3251229	54.276	ug/l	100
81) sec-Butylbenzene	13.17	105	3679139	53.774	ug/l	100
82) p-Isopropyltoluene	13.29	119	3222227	56.387	ug/l	100
83) 1,3-Dichlorobenzene	13.28	146	1758952	57.828	ug/l	99
84) 1,4-Dichlorobenzene	13.36	146	1698454	59.200	ug/l	99
85) n-Butylbenzene	13.62	91	2647254	58.094	ug/l	99
86) Hexachloroethane	13.88	117	585680	50.215	ug/l	98
87) 1,2-Dichlorobenzene	13.66	146	1717549	58.286	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	14.27	75	145253	55.431	ug/l	99
89) 1,2,4-Trichlorobenzene	14.91	180	891208	71.190	ug/l	99
90) Hexachlorobutadiene	15.01	225	522552	60.691	ug/l	99
91) Naphthalene	15.14	128	1980623	72.565	ug/l	99
92) 1,2,3-Trichlorobenzene	15.32	180	879027	68.040	ug/l	100

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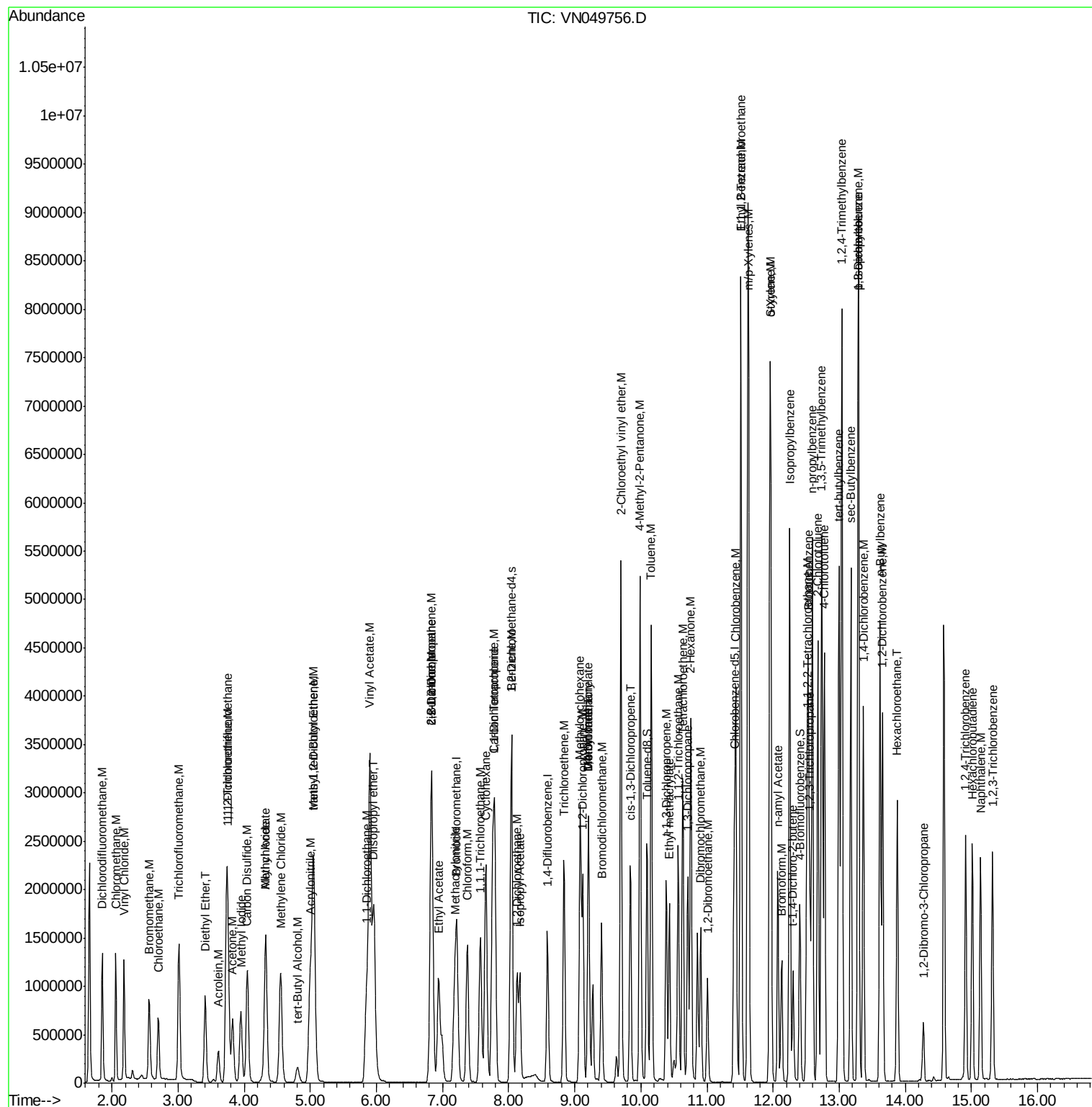
Quant Time: Jul 12 01:32:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N071118W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jul 12 01:30:30 2018
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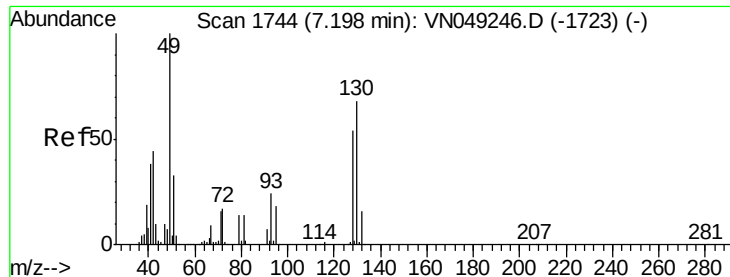
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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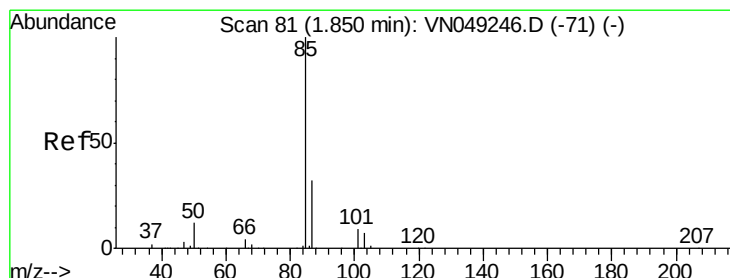
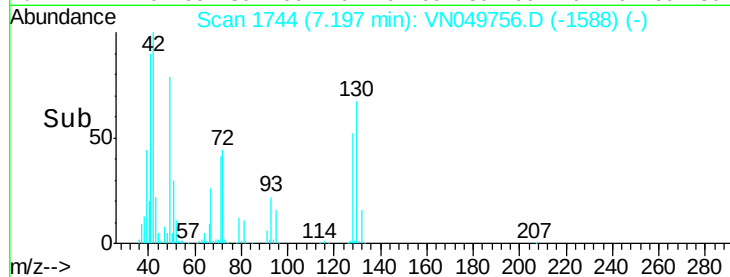
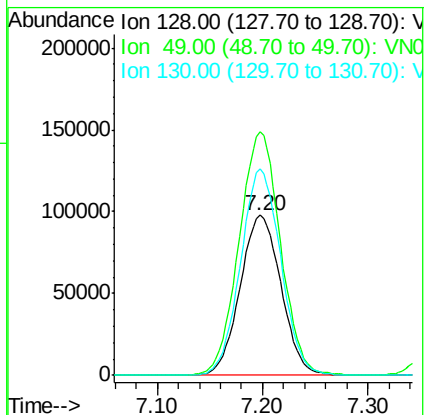
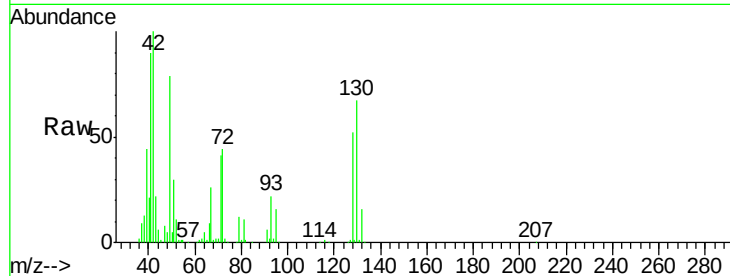
Quant Time: Jul 12 01:32:17 2018
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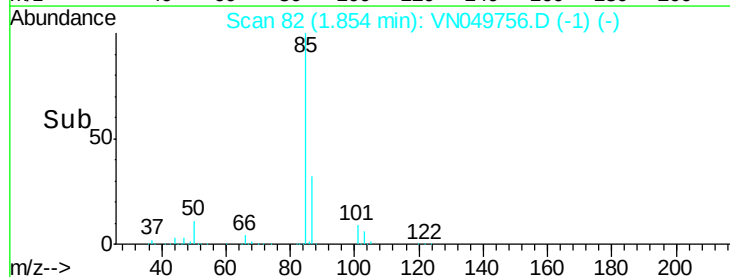
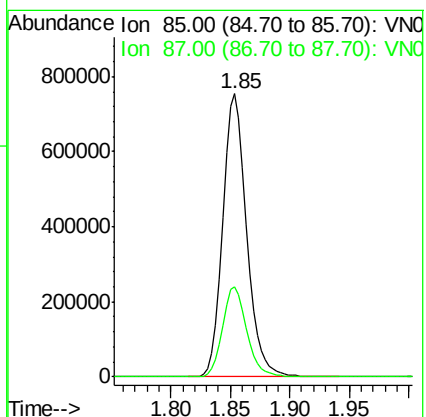
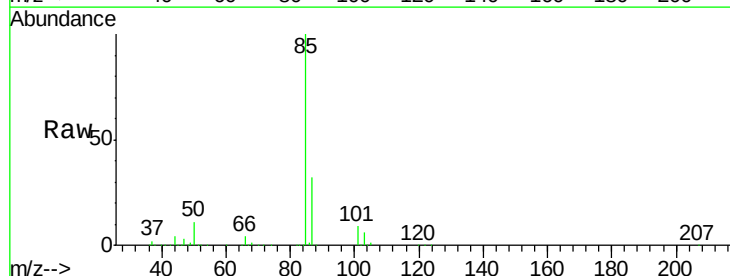
#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.20 min Scan# 1744
 Delta R.T. 0.00 min
 Lab File: VN049756.D
 Acq: 11 Jul 2018 11:11

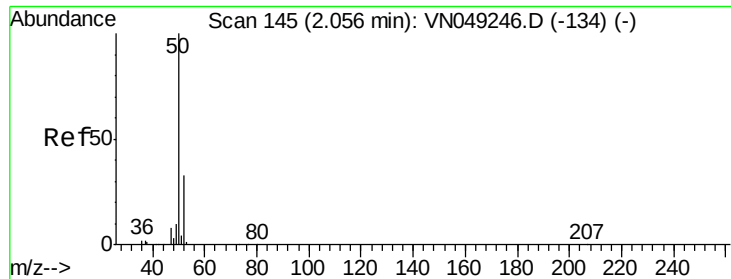
Tgt Ion	Ratio	Lower	Upper
128	100		
49	153.5	0.0	378.3
130	126.8	0.0	320.7



#2
 Dichlorodifluoromethane
 Concen: 62.664 ug/l
 RT: 1.85 min Scan# 82
 Delta R.T. 0.00 min
 Lab File: VN049756.D
 Acq: 11 Jul 2018 11:11

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.0	15.4	46.4





#3

Chloromethane

Concen: 61.266 ug/l

RT: 2.06 min Scan# 145

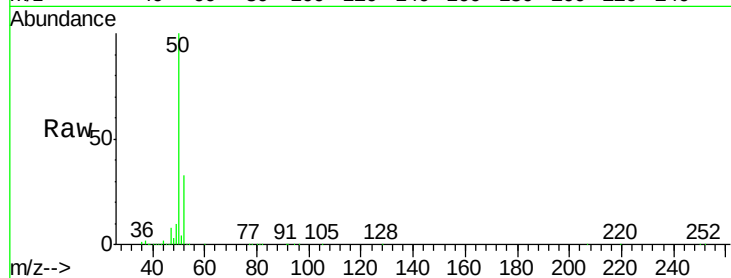
Delta R.T. -0.00 min

Lab File: VN049756.D

Acq: 11 Jul 2018 11:11

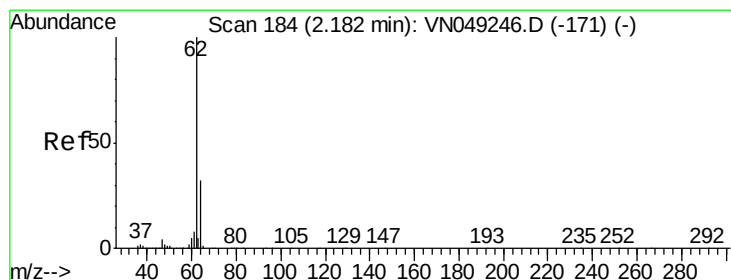
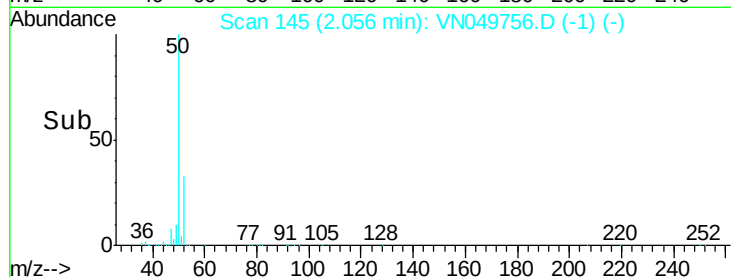
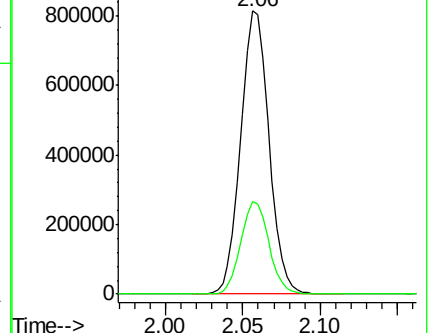
Tgt Ion: 50 Resp: 1033925

Ion	Ratio	Lower	Upper
50	100		
52	32.6	26.1	39.1



Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#4

Vinyl Chloride

Concen: 63.545 ug/l

RT: 2.18 min Scan# 184

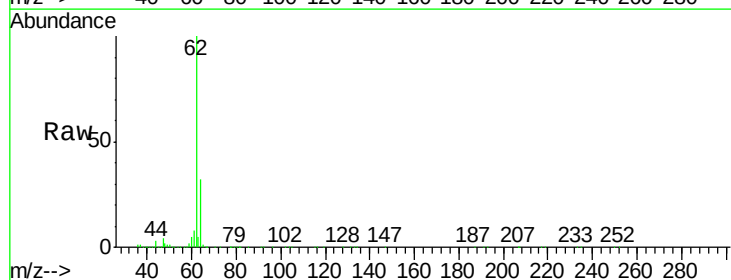
Delta R.T. -0.00 min

Lab File: VN049756.D

Acq: 11 Jul 2018 11:11

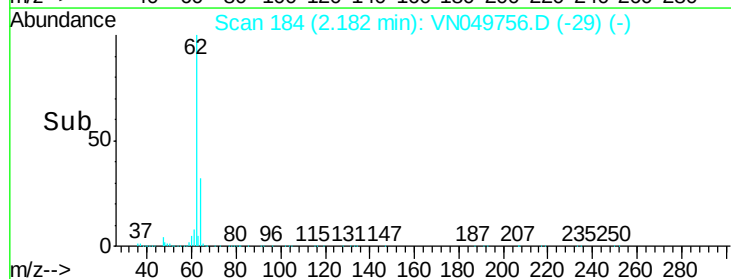
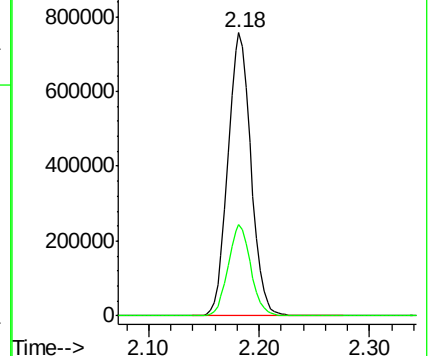
Tgt Ion: 62 Resp: 1094713

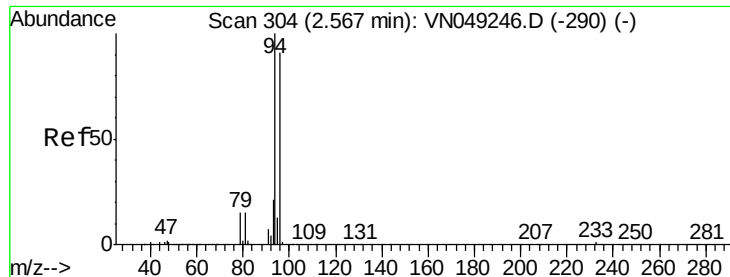
Ion	Ratio	Lower	Upper
62	100		
64	32.1	24.4	36.6



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0





#5

Bromomethane

Concen: 65.885 ug/l

RT: 2.56 min Scan# 302

Delta R.T. -0.01 min

Lab File: VN049756.D

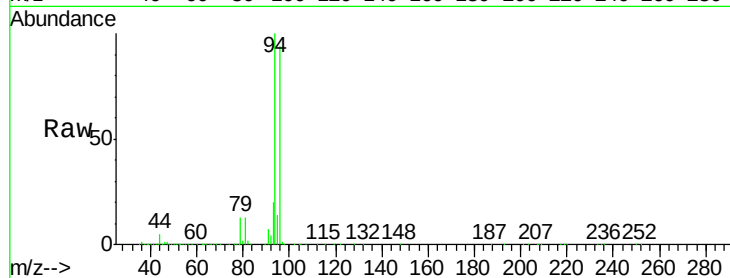
Acq: 11 Jul 2018 11:11

Tgt Ion: 94 Resp: 610896

Ion Ratio Lower Upper

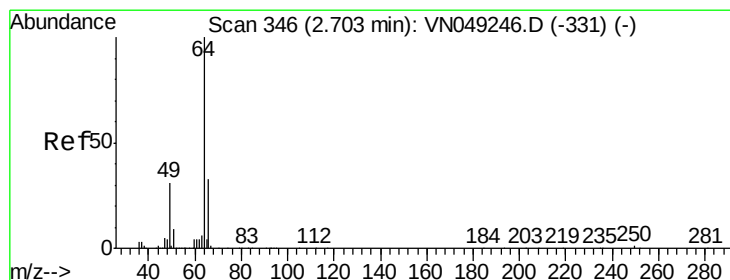
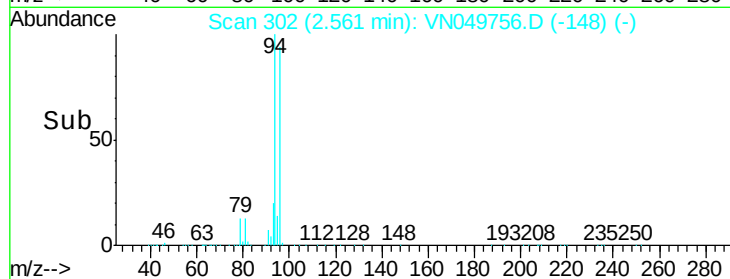
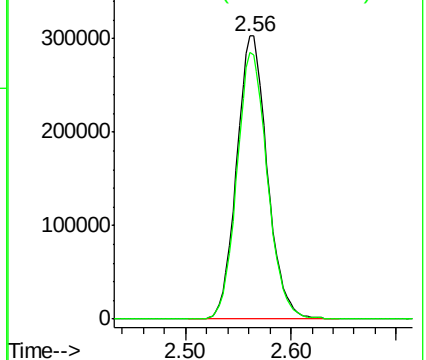
94 100

96 94.4 75.9 113.9



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 57.221 ug/l

RT: 2.70 min Scan# 345

Delta R.T. -0.00 min

Lab File: VN049756.D

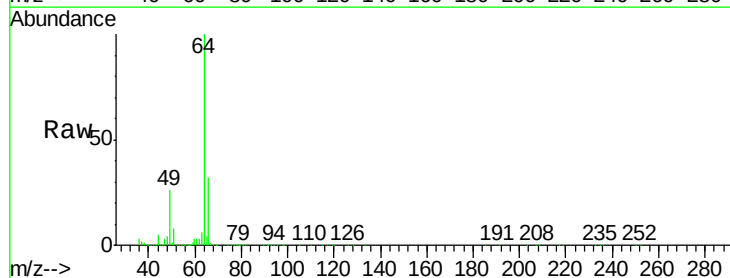
Acq: 11 Jul 2018 11:11

Tgt Ion: 64 Resp: 626021

Ion Ratio Lower Upper

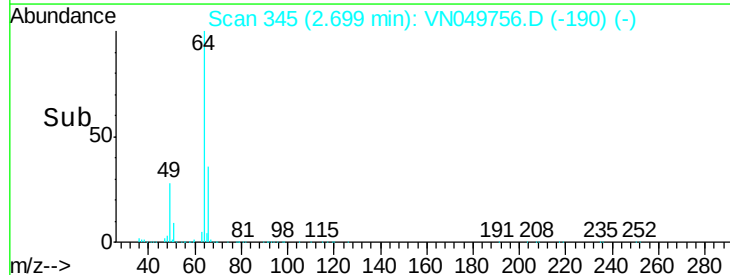
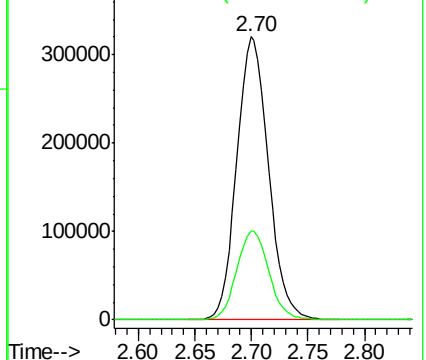
64 100

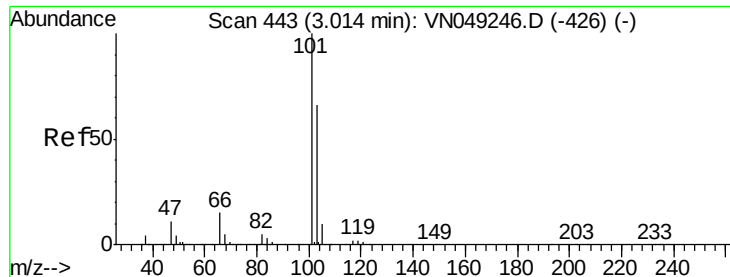
66 31.5 25.0 37.4



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0





#7

Trichlorofluoromethane

Concen: 57.735 ug/l

RT: 3.01 min Scan# 443

Delta R.T. 0.00 min

Lab File: VN049756.D

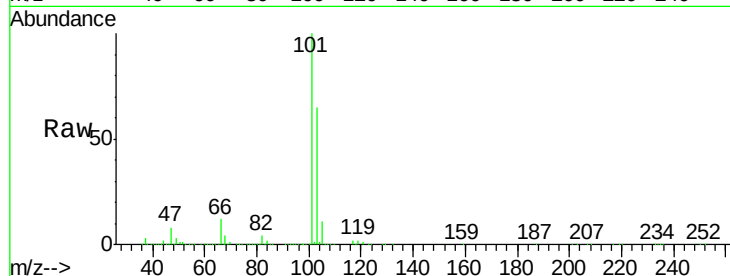
Acq: 11 Jul 2018 11:11

Tgt Ion: 101 Resp: 1375325

Ion Ratio Lower Upper

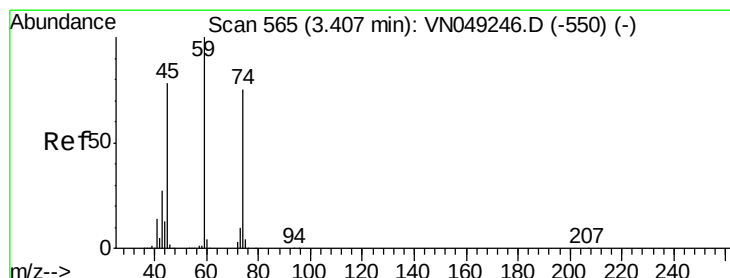
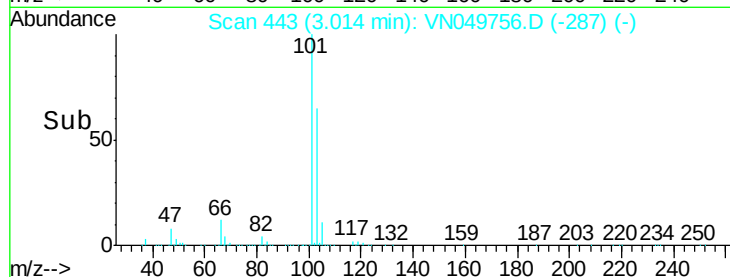
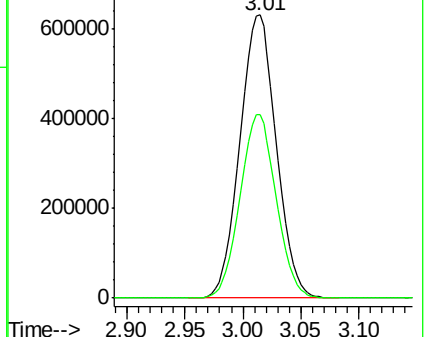
101 100

103 65.0 51.5 77.3



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

Diethyl Ether

Concen: 50.367 ug/l

RT: 3.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VN049756.D

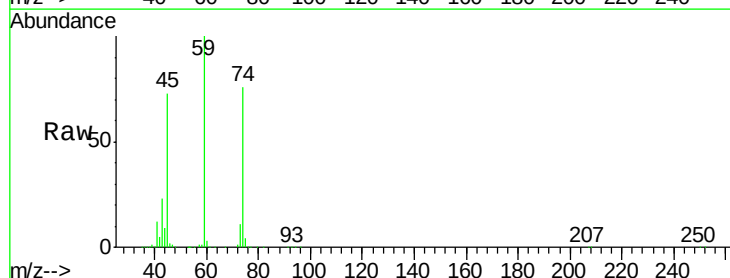
Acq: 11 Jul 2018 11:11

Tgt Ion: 74 Resp: 465759

Ion Ratio Lower Upper

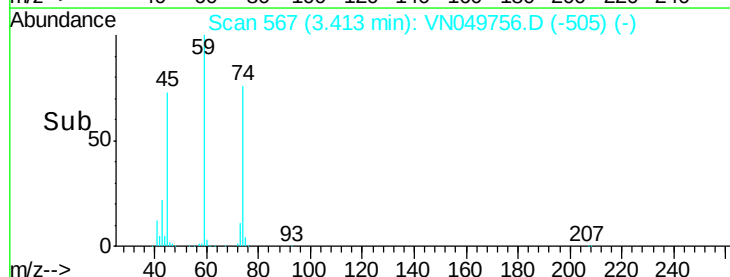
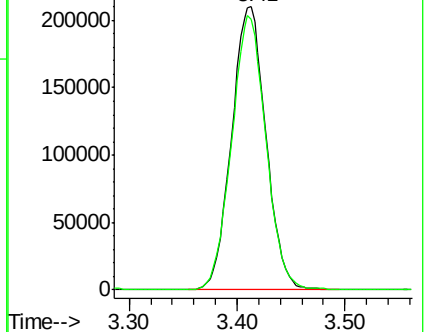
74 100

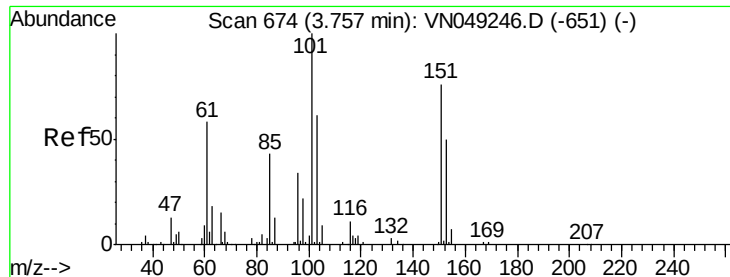
45 96.6 18.7 167.9



Abundance Ion 74.00 (73.70 to 74.70): V

Ion 45.00 (44.70 to 45.70): V





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.512 ug/l

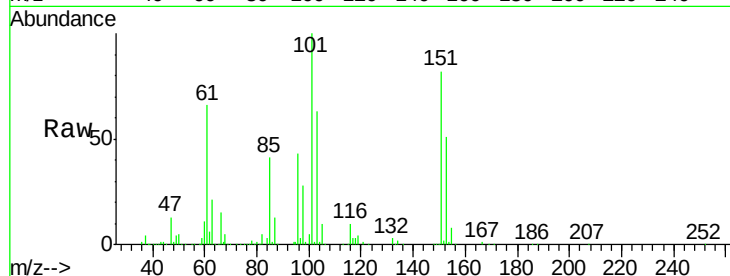
RT: 3.75 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN049756.D

Acq: 11 Jul 2018 11:11

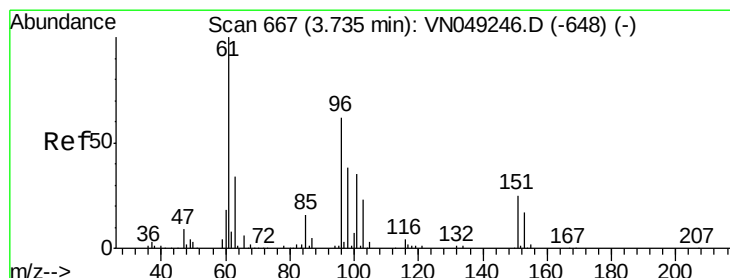
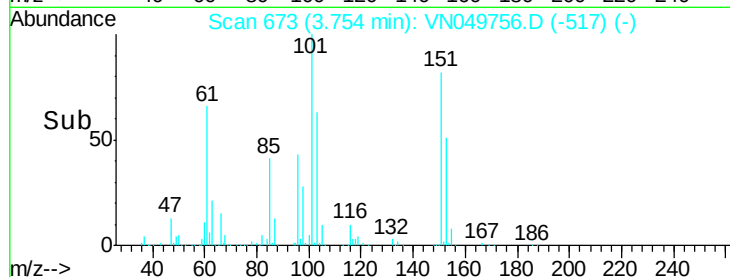
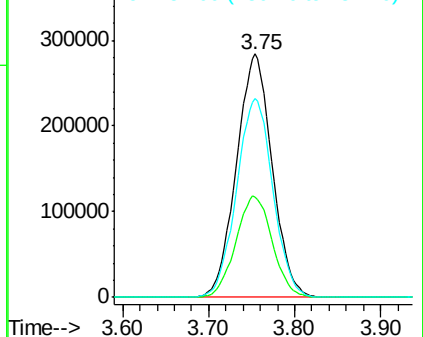
Tgt Ion:	101	Resp:	819121
Ion	Ratio	Lower	Upper
101	100		
85	42.5	0.0	83.0
151	83.1	0.0	166.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 51.221 ug/l

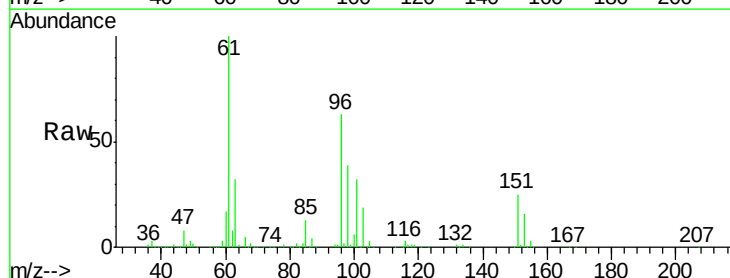
RT: 3.73 min Scan# 666

Delta R.T. -0.00 min

Lab File: VN049756.D

Acq: 11 Jul 2018 11:11

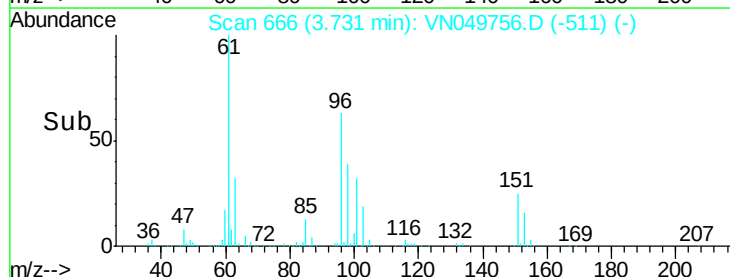
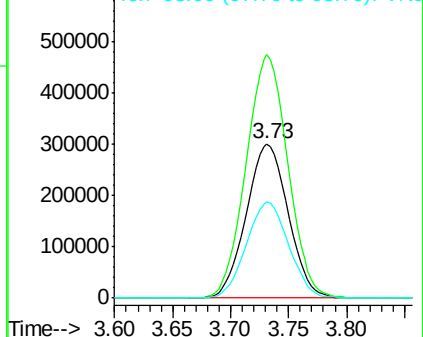
Tgt Ion:	96	Resp:	757499
Ion	Ratio	Lower	Upper
96	100		
61	157.9	130.6	195.8
98	62.3	53.5	80.3

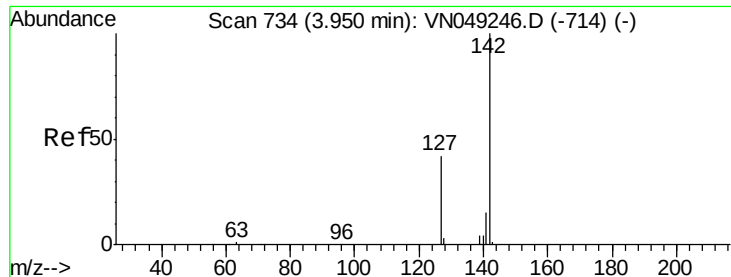


Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

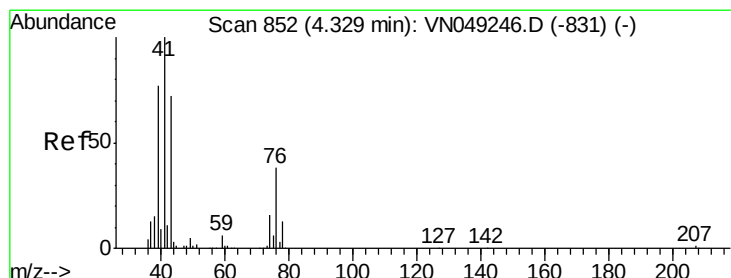
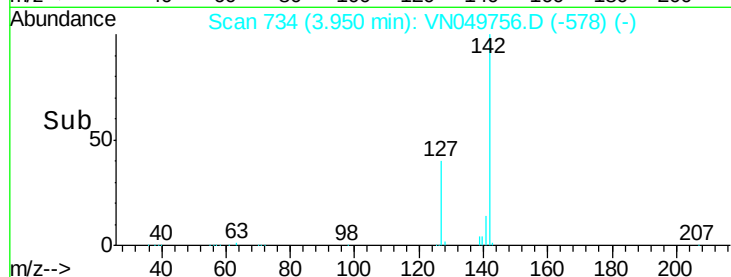
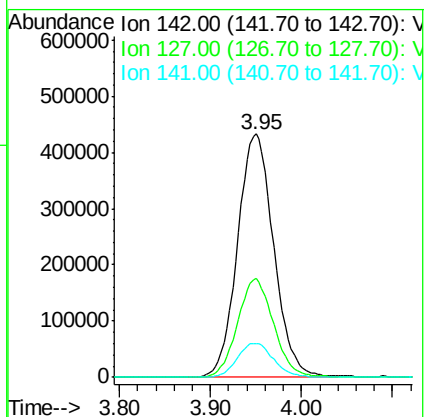
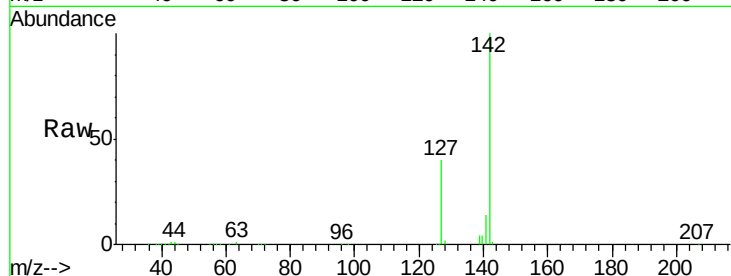
Ion 98.00 (97.70 to 98.70): VN0





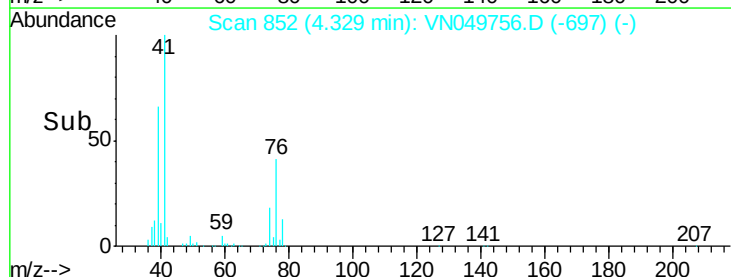
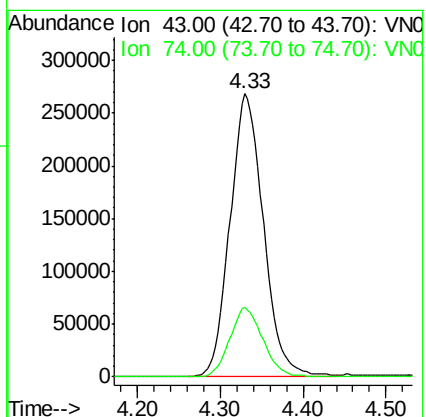
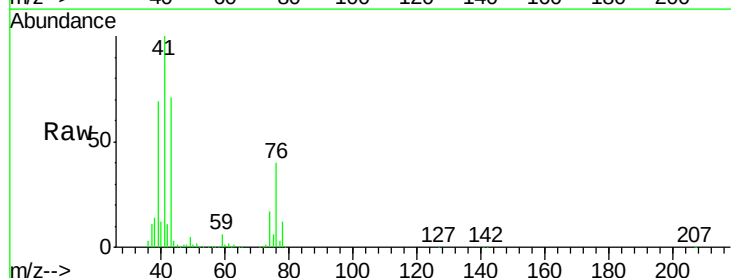
#11
Methyl Iodide
Concen: 68.790 ug/l
RT: 3.95 min Scan# 734
Delta R.T. 0.00 min
Lab File: VN049756.D
Acq: 11 Jul 2018 11:11

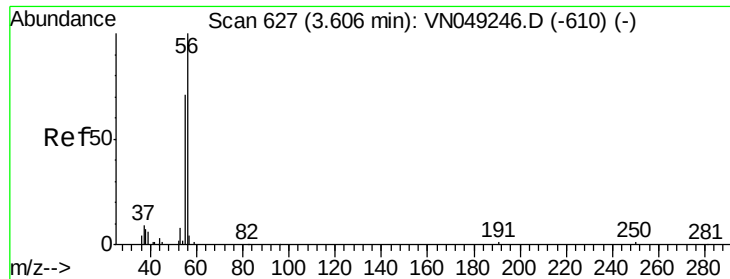
Tgt Ion: 142 Resp: 1194965
Ion Ratio Lower Upper
142 100
127 40.4 20.2 60.5
141 14.0 6.9 20.6



#12
Methyl Acetate
Concen: 50.016 ug/l
RT: 4.33 min Scan# 852
Delta R.T. -0.00 min
Lab File: VN049756.D
Acq: 11 Jul 2018 11:11

Tgt Ion: 43 Resp: 745297
Ion Ratio Lower Upper
43 100
74 24.6 19.3 28.9





#13

Acrolein

Concen: 251.919 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN049756.D

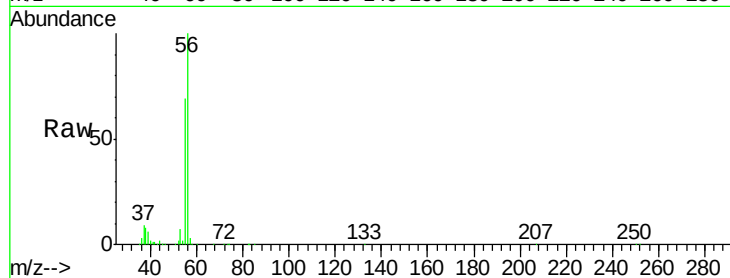
Acq: 11 Jul 2018 11:11

Tgt Ion: 56 Resp: 372105

Ion Ratio Lower Upper

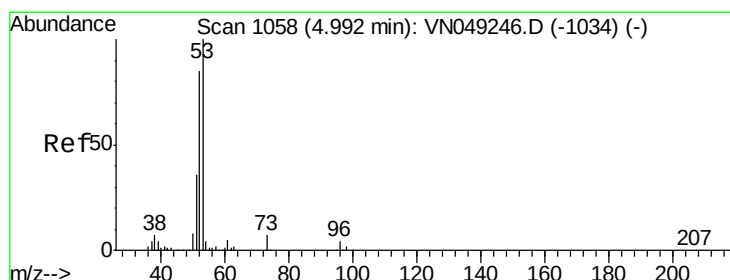
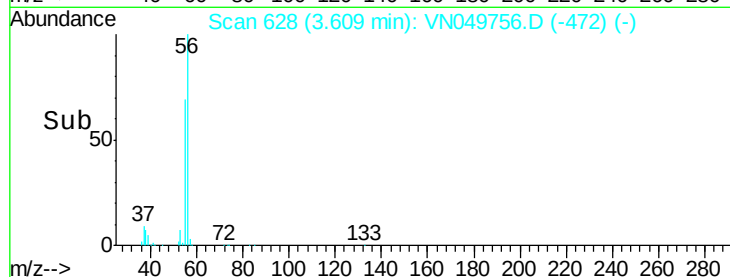
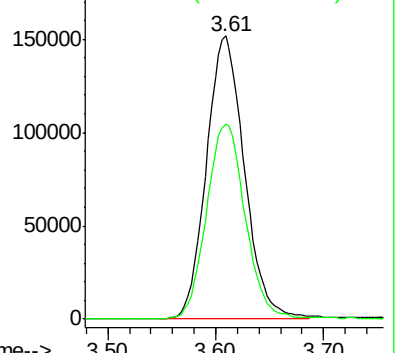
56 100

55 69.5 58.6 88.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Acrylonitrile

Concen: 240.867 ug/l

RT: 5.00 min Scan# 1059

Delta R.T. 0.00 min

Lab File: VN049756.D

Acq: 11 Jul 2018 11:11

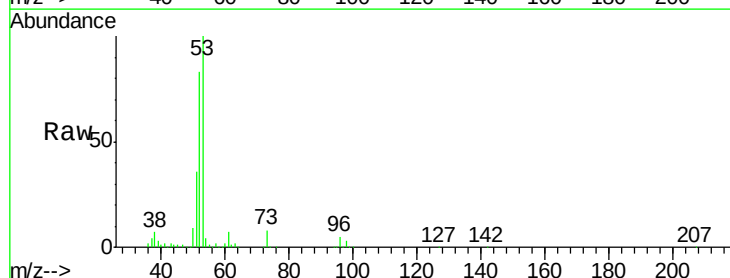
Tgt Ion: 53 Resp: 1349007

Ion Ratio Lower Upper

53 100

52 82.5 41.5 124.5

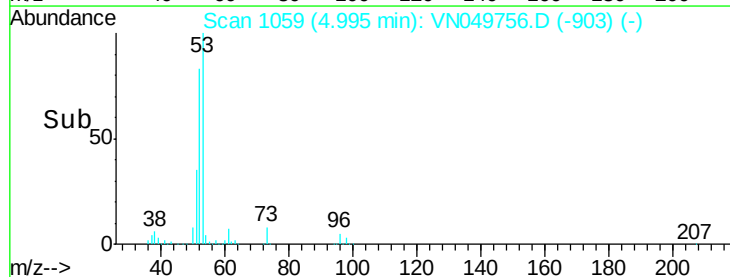
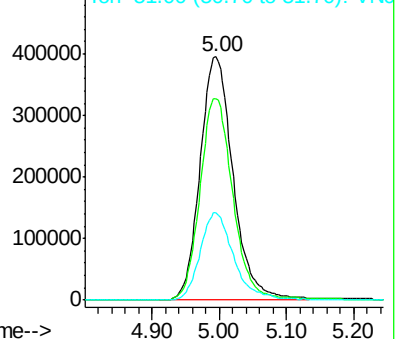
51 36.6 18.7 56.1

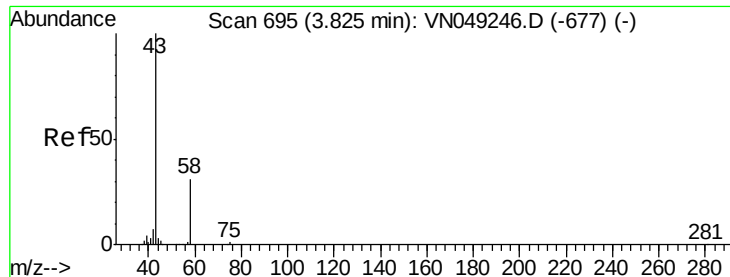


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#15

Acetone

Concen: 266.235 ug/l

RT: 3.82 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN049756.D

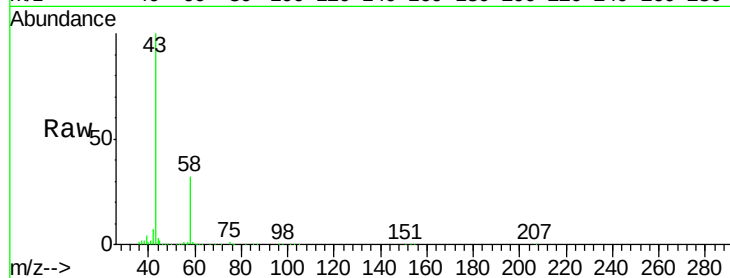
Acq: 11 Jul 2018 11:11

Tgt Ion: 58 Resp: 335348

Ion Ratio Lower Upper

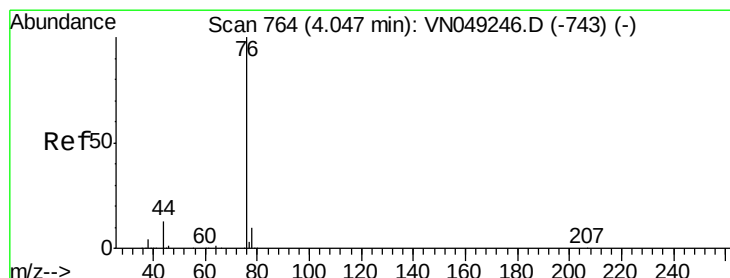
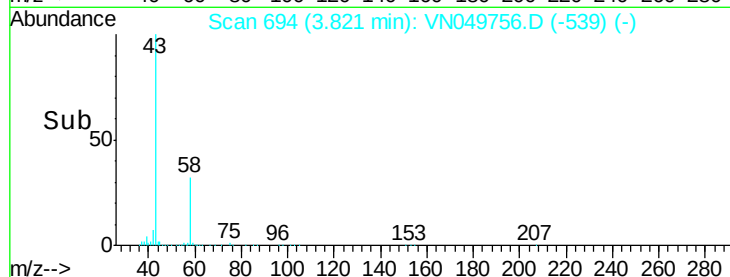
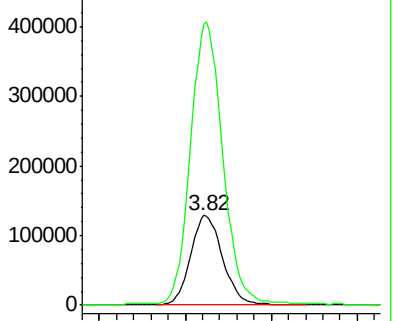
58 100

43 312.4 252.0 378.0



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

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



#16

Carbon Disulfide

Concen: 49.491 ug/l

RT: 4.05 min Scan# 764

Delta R.T. -0.00 min

Lab File: VN049756.D

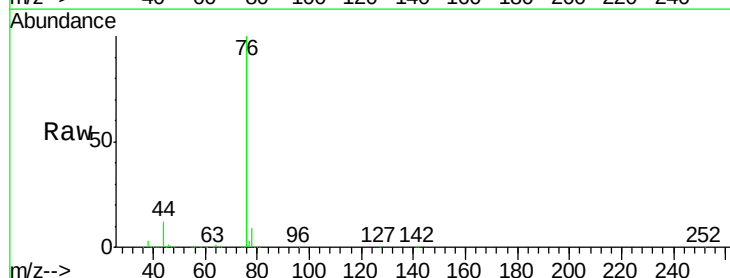
Acq: 11 Jul 2018 11:11

Tgt Ion: 76 Resp: 2343723

Ion Ratio Lower Upper

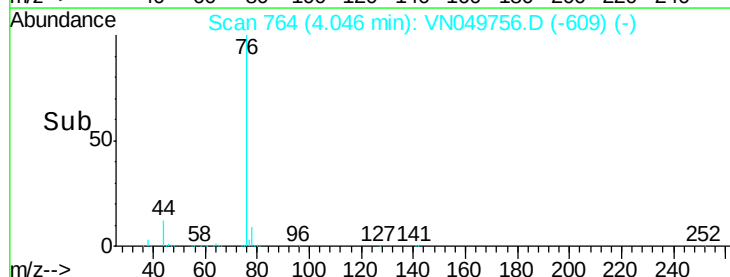
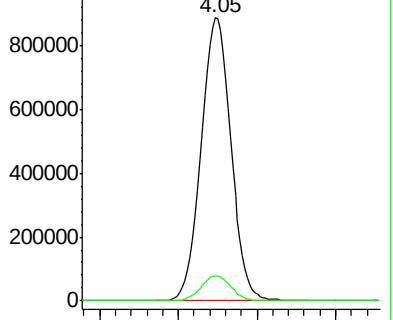
76 100

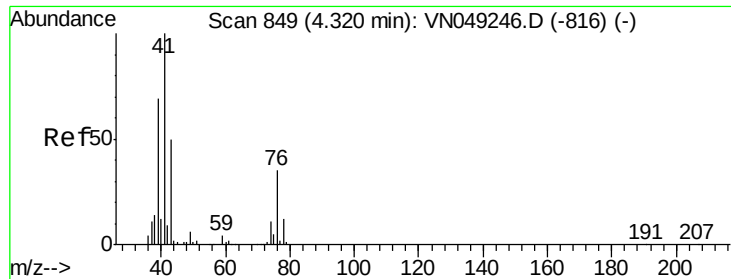
78 9.0 7.3 10.9



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

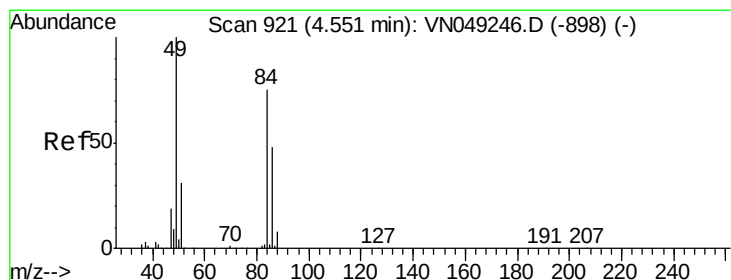
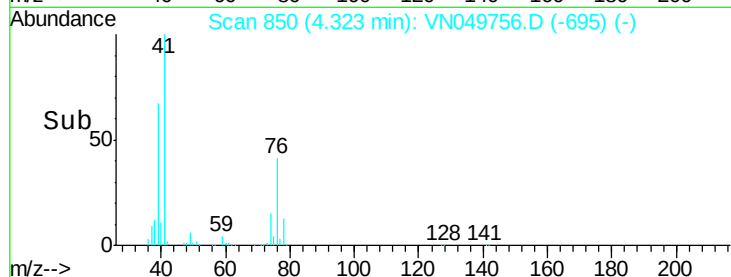
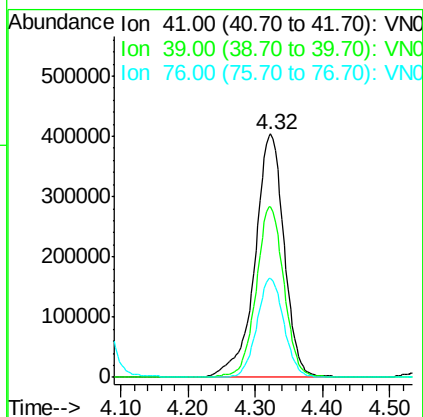
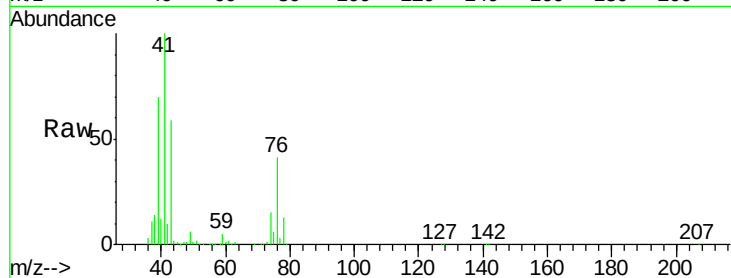
Ion 78.00 (77.70 to 78.70): VN049246.D (-743) (-)





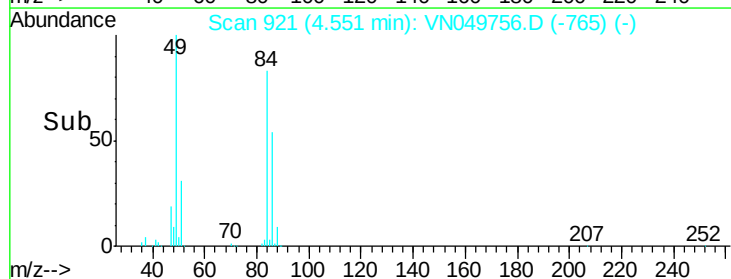
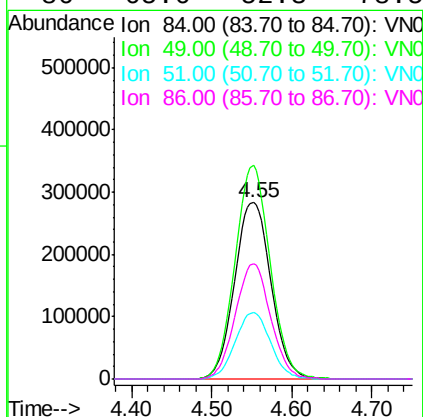
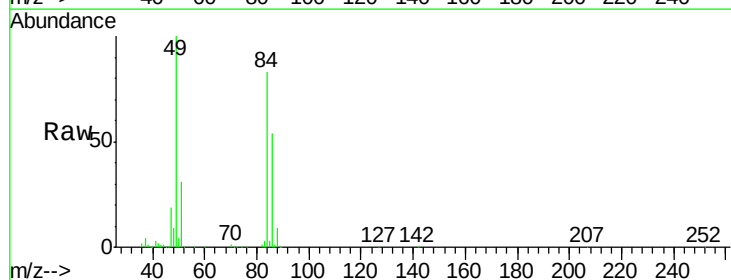
#17
 Allyl chloride
 Concen: 45.863 ug/l
 RT: 4.32 min Scan# 850
 Delta R.T. -0.00 min
 Lab File: VN049756.D
 Acq: 11 Jul 2018 11:11

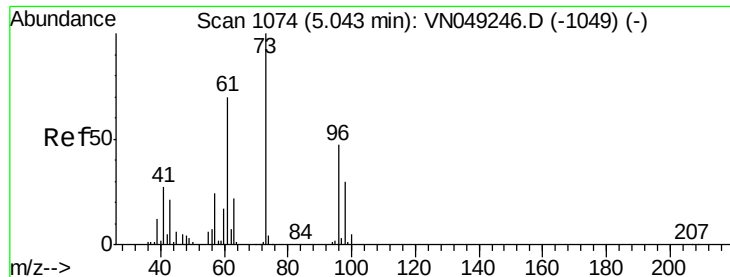
Tgt Ion: 41 Resp: 1215481
 Ion Ratio Lower Upper
 41 100
 39 70.1 35.4 106.3
 76 40.4 19.7 59.1



#18
 Methylene Chloride
 Concen: 50.046 ug/l
 RT: 4.55 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VN049756.D
 Acq: 11 Jul 2018 11:11

Tgt Ion: 84 Resp: 874458
 Ion Ratio Lower Upper
 84 100
 49 121.0 95.1 142.7
 51 37.4 28.8 43.2
 86 65.6 52.3 78.5

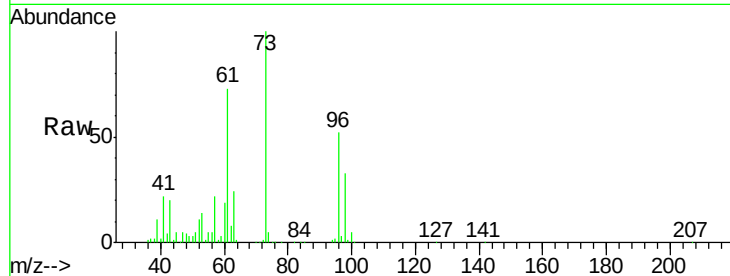




#19

trans-1,2-Dichloroethene
Concen: 51.429 ug/l
RT: 5.04 min Scan# 1073
Delta R.T. -0.00 min
Lab File: VN049756.D
Acq: 11 Jul 2018 11:11

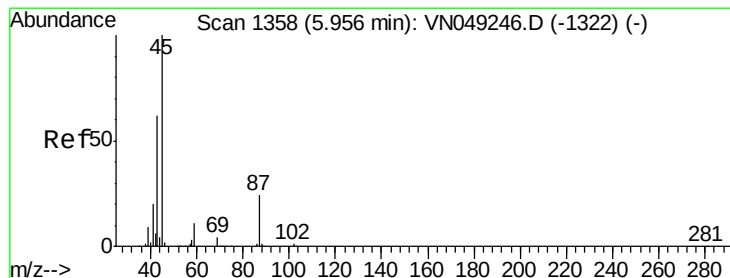
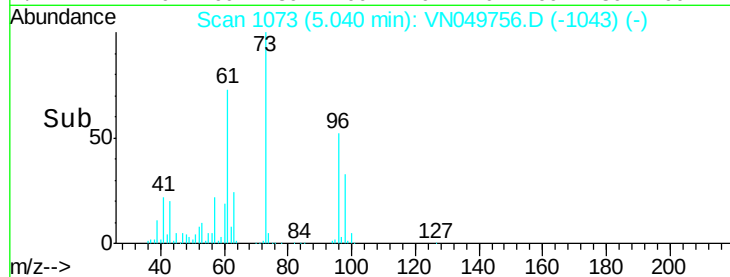
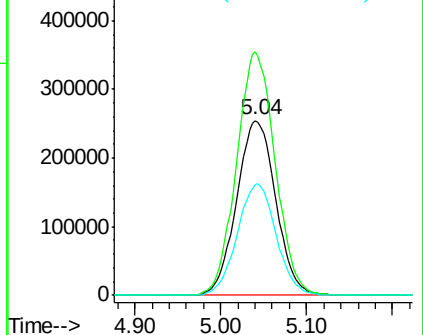
Tgt Ion	Ratio	Lower	Upper
96	100		
61	139.1	112.1	168.1
98	63.6	51.3	76.9



Abundance Ion 96.00 (95.70 to 96.70): VN049756.D (-1049) (-)

Ion 61.00 (60.70 to 61.70): VN049756.D (-1049) (-)

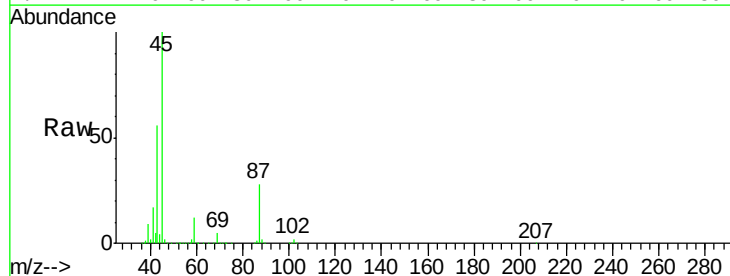
Ion 98.00 (97.70 to 98.70): VN049756.D (-1049) (-)



#20

Diisopropyl ether
Concen: 45.277 ug/l
RT: 5.96 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VN049756.D
Acq: 11 Jul 2018 11:11

Tgt Ion	Ratio	Lower	Upper
45	100		
43	55.9	46.6	70.0
87	28.1	22.3	33.5
59	11.9	9.5	14.3

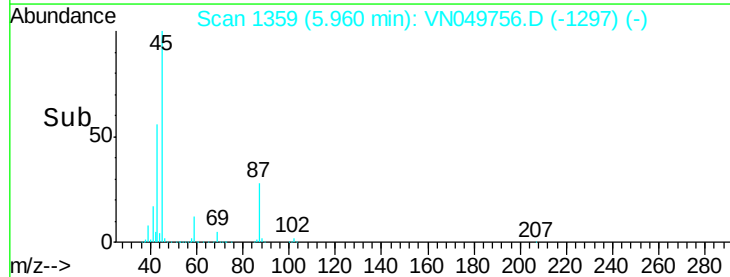
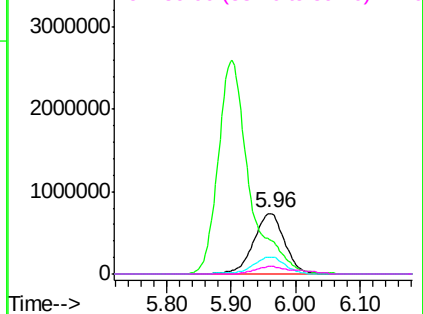


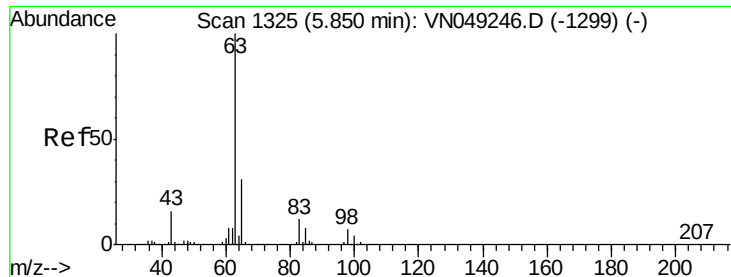
Abundance Ion 45.00 (44.70 to 45.70): VN049756.D (-1297) (-)

Ion 43.00 (42.70 to 43.70): VN049756.D (-1297) (-)

Ion 87.00 (86.70 to 87.70): VN049756.D (-1297) (-)

Ion 59.00 (58.70 to 59.70): VN049756.D (-1297) (-)

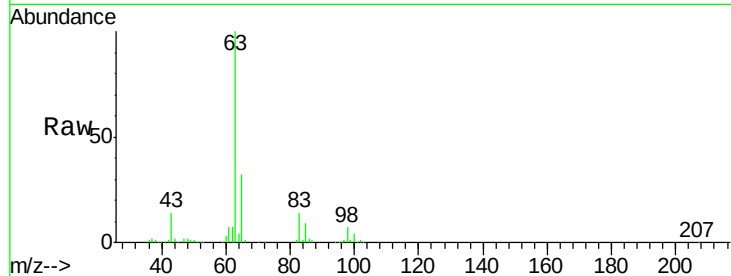




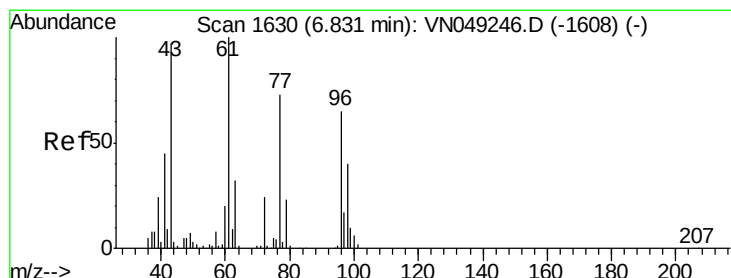
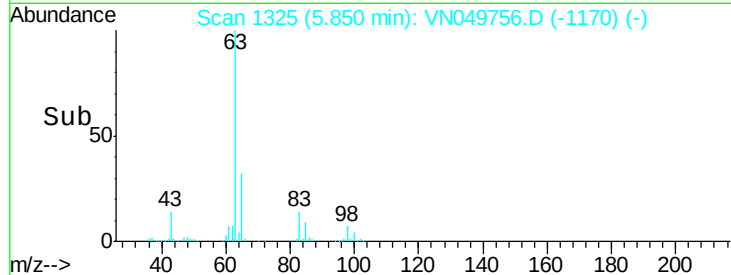
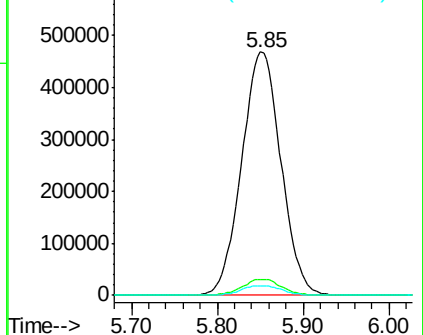
#21
 1,1-Dichloroethane
 Concen: 46.884 ug/l
 RT: 5.85 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: VN049756.D
 Acq: 11 Jul 2018 11:11

Tgt Ion: 63 Resp: 1487978

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



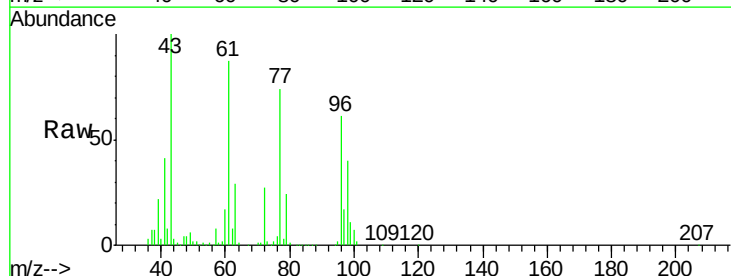
Abundance Ion 63.00 (62.70 to 63.70): VN049246.D (-1299) (-)
 Ion 98.00 (97.70 to 98.70): VN049246.D (-1299) (-)
 Ion 100.00 (99.70 to 100.70): VN049246.D (-1299) (-)



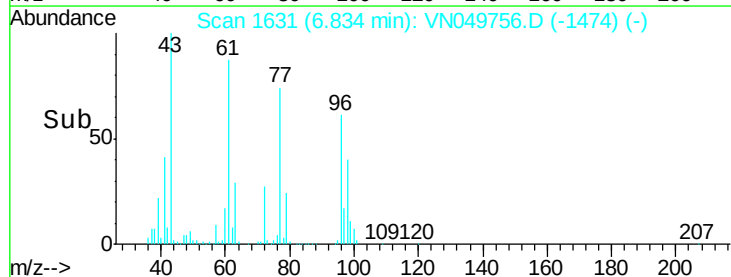
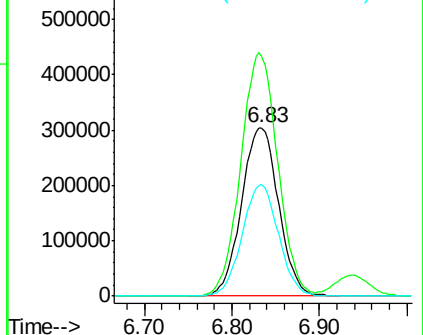
#22
 cis-1,2-Dichloroethene
 Concen: 50.387 ug/l
 RT: 6.83 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: VN049756.D
 Acq: 11 Jul 2018 11:11

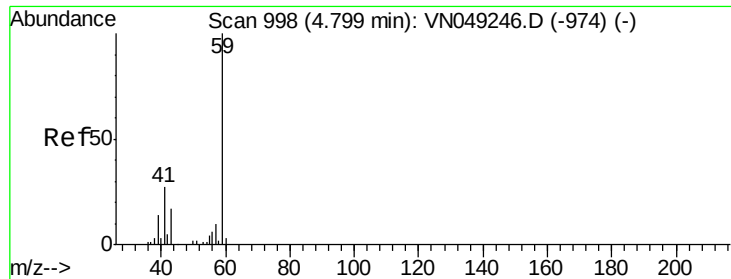
Tgt Ion: 96 Resp: 894264

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



Abundance Ion 96.00 (95.70 to 96.70): VN049246.D (-1608) (-)
 Ion 61.00 (60.70 to 61.70): VN049246.D (-1608) (-)
 Ion 98.00 (97.70 to 98.70): VN049246.D (-1608) (-)





#23

tert-Butyl Alcohol

Concen: 266.995 ug/l

RT: 4.80 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN049756.D

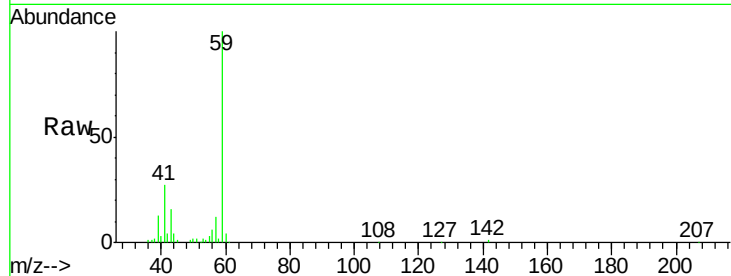
Acq: 11 Jul 2018 11:11

Tgt Ion: 59 Resp: 281284

Ion Ratio Lower Upper

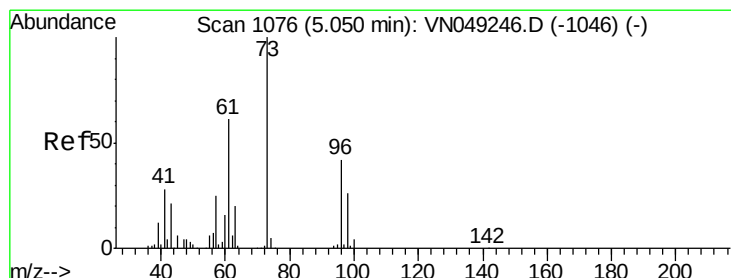
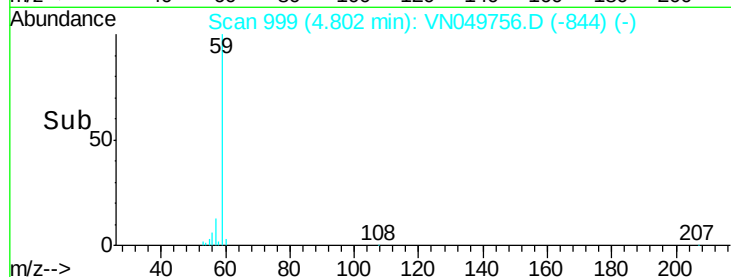
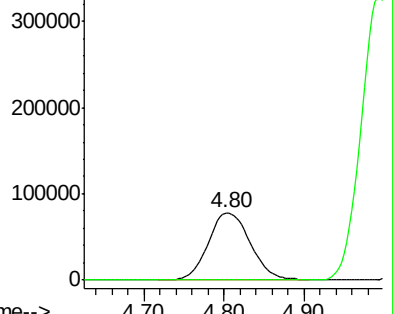
59 100

52 0.1 0.1 0.1#



Abundance Ion 59.00 (58.70 to 59.70): VN049756.D (-974) (-)

Ion 52.00 (51.70 to 52.70): VN049756.D (-974) (-)



#24

Methyl tert-Butyl Ether

Concen: 51.128 ug/l

RT: 5.05 min Scan# 1077

Delta R.T. 0.00 min

Lab File: VN049756.D

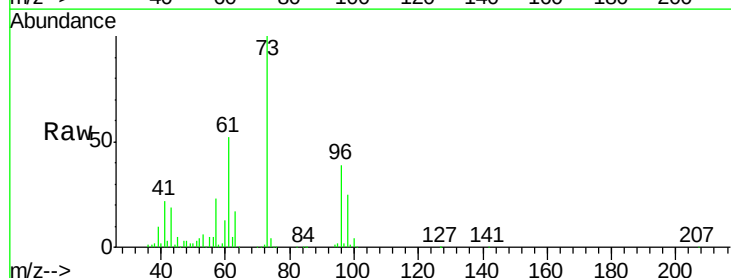
Acq: 11 Jul 2018 11:11

Tgt Ion: 73 Resp: 2075791

Ion Ratio Lower Upper

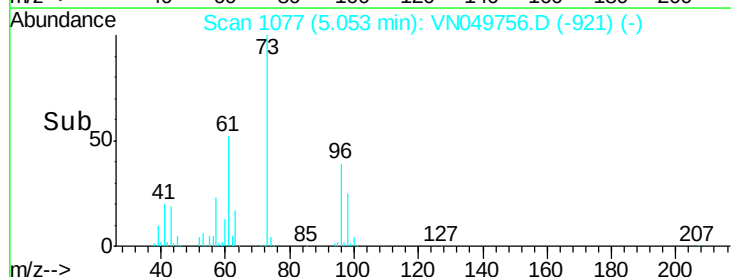
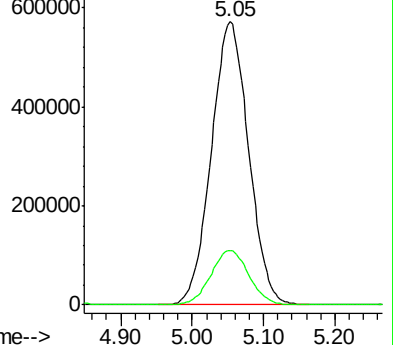
73 100

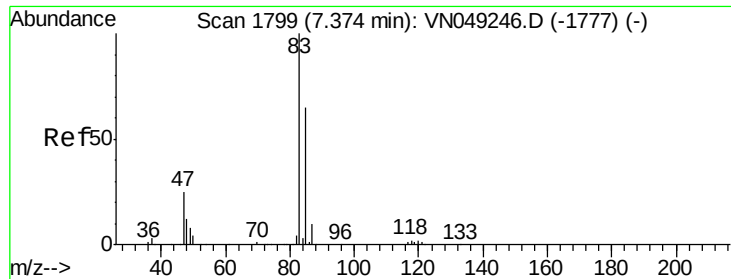
43 19.5 15.5 23.3



Abundance Ion 73.00 (72.70 to 73.70): VN049756.D (-921) (-)

Ion 43.00 (42.70 to 43.70): VN049756.D (-921) (-)





#25

Chloroform

Concen: 48.492 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN049756.D

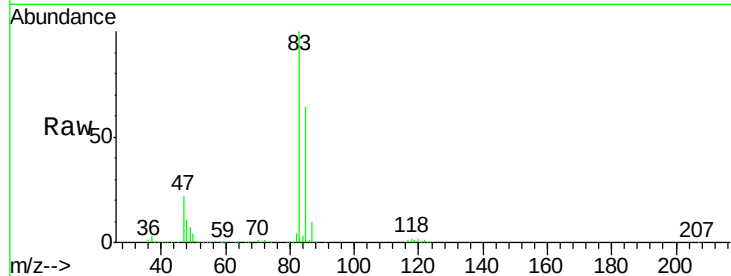
Acq: 11 Jul 2018 11:11

Tgt Ion: 83 Resp: 1502274

Ion Ratio Lower Upper

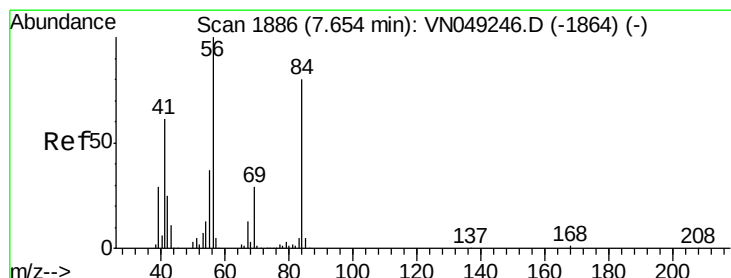
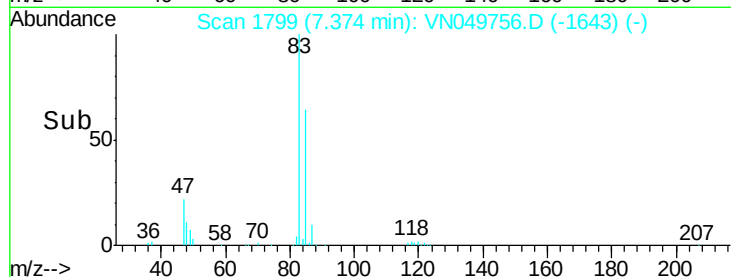
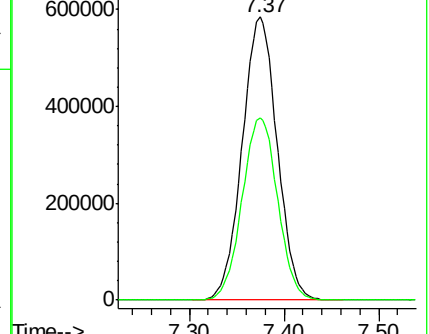
83 100

85 64.4 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: 47.729 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VN049756.D

Acq: 11 Jul 2018 11:11

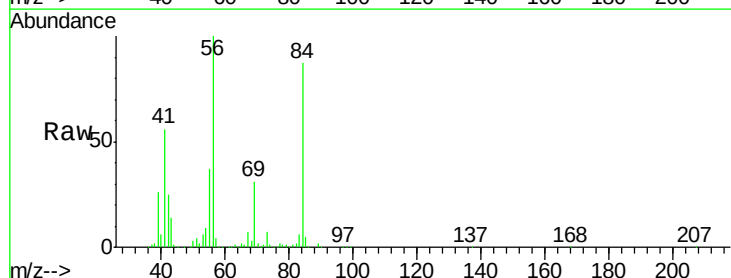
Tgt Ion: 56 Resp: 1293326

Ion Ratio Lower Upper

56 100

89 2.2 3.0 4.4#

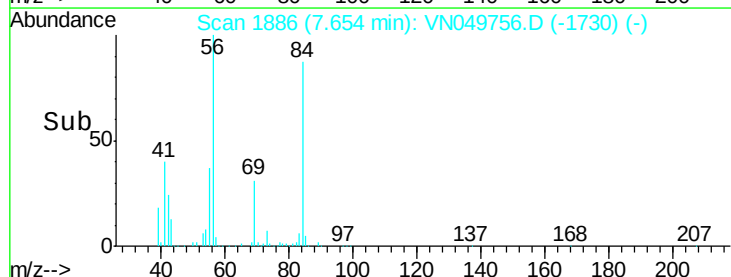
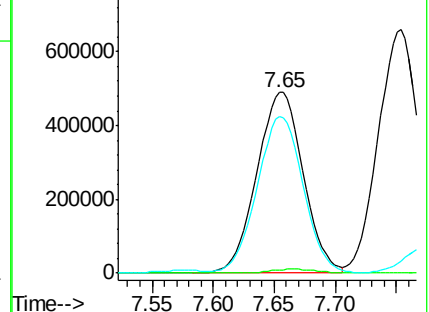
84 85.6 69.8 104.8

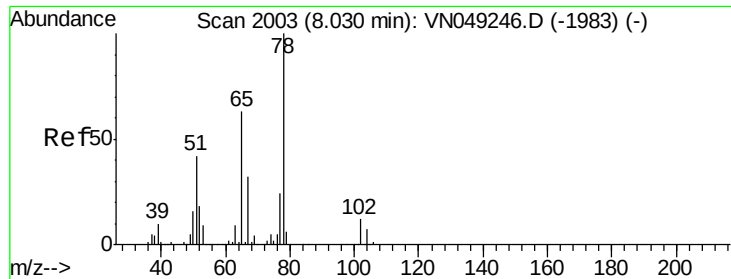


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 89.00 (88.70 to 89.70): VN0

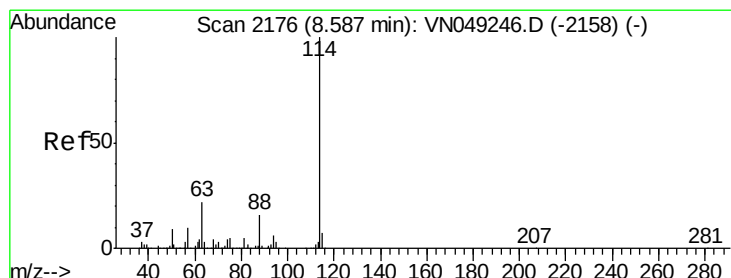
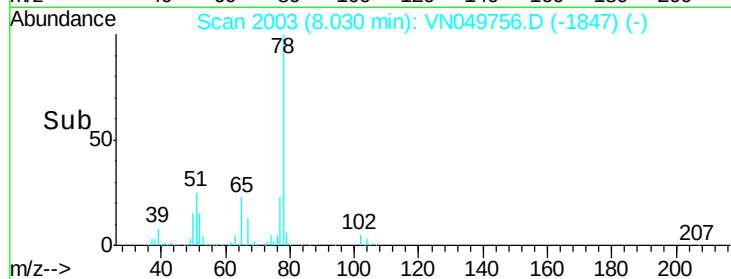
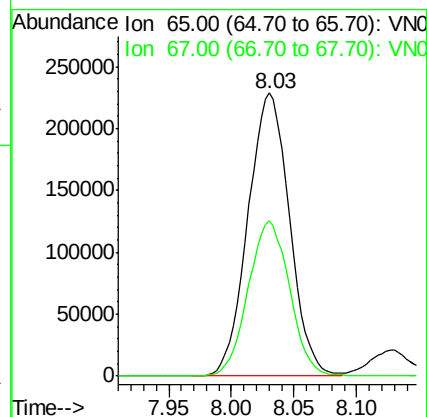
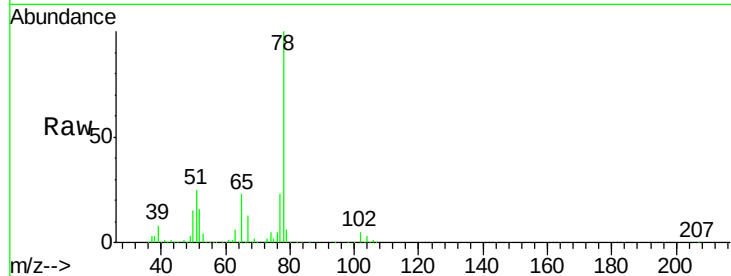
Ion 84.00 (83.70 to 84.70): VN0





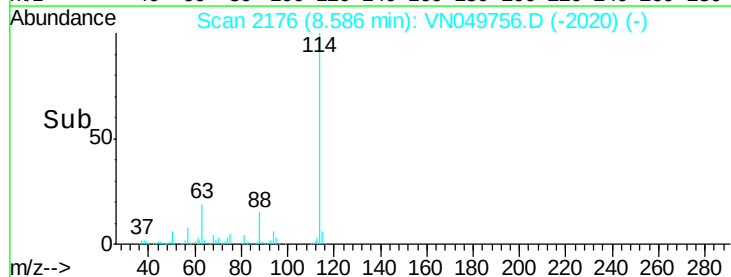
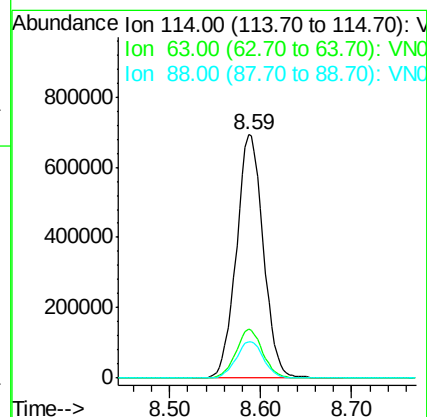
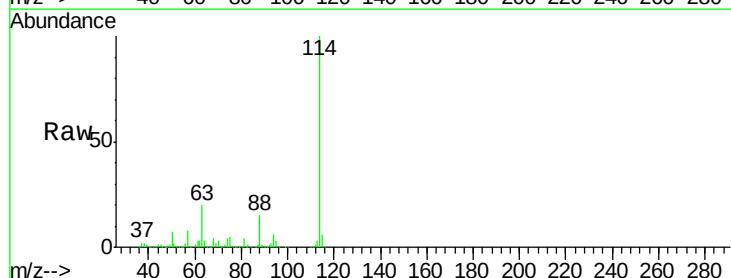
#27
 1,2-Dichloroethane-d4
 Concen: 27.408 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049756.D
 Acq: 11 Jul 2018 11:11

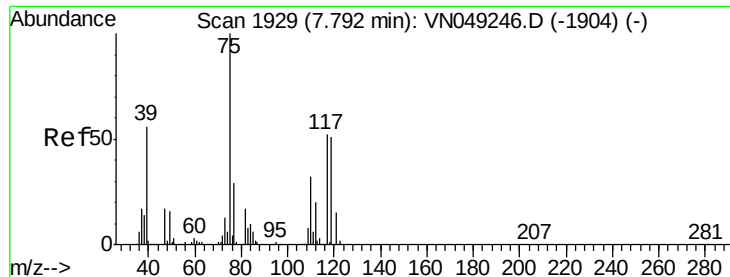
Tgt Ion: 65 Resp: 527280
 Ion Ratio Lower Upper
 65 100
 67 54.7 42.7 64.1



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049756.D
 Acq: 11 Jul 2018 11:11

Tgt Ion: 114 Resp: 1419066
 Ion Ratio Lower Upper
 114 100
 63 19.9 16.2 24.2
 88 15.4 12.3 18.5





#29

1,1-Dichloropropene

Concen: 50.051 ug/l

RT: 7.79 min Scan# 1929

Delta R.T. 0.00 min

Lab File: VN049756.D

Acq: 11 Jul 2018 11:11

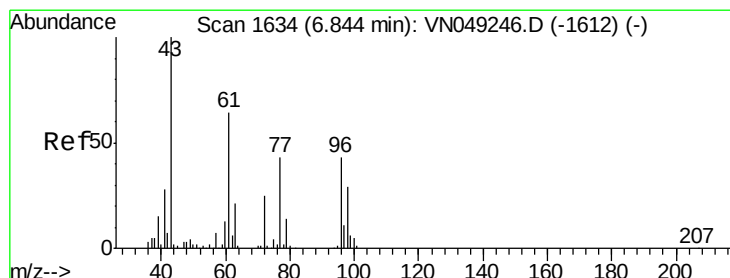
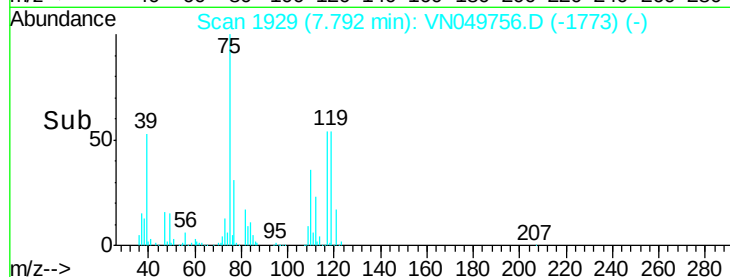
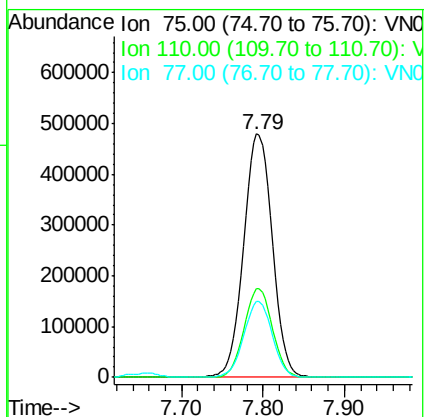
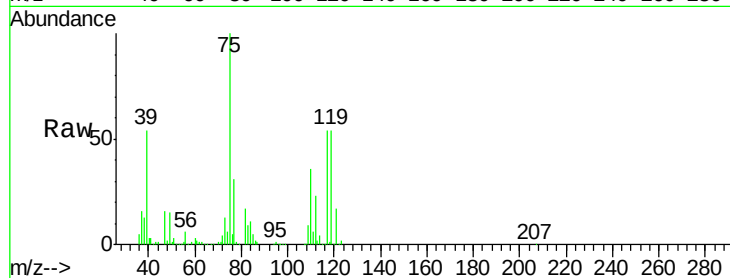
Tgt Ion: 75 Resp: 1157899

Ion Ratio Lower Upper

75 100

110 35.8 0.0 73.2

77 30.9 0.0 62.0



#30

2-Butanone

Concen: 256.270 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VN049756.D

Acq: 11 Jul 2018 11:11

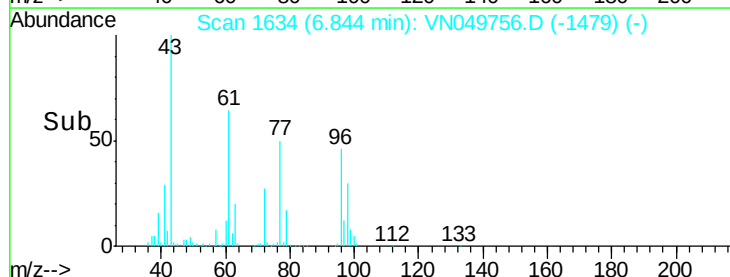
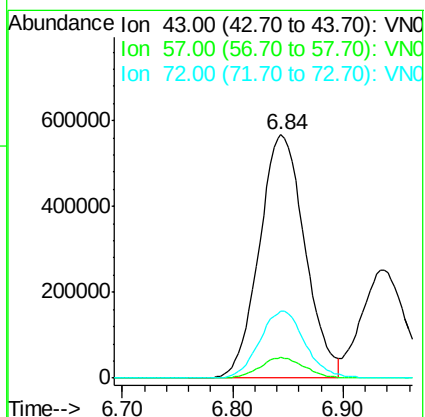
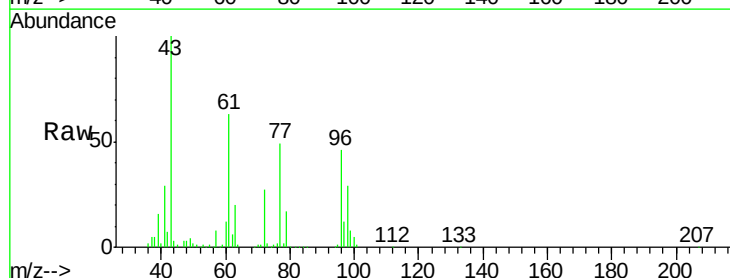
Tgt Ion: 43 Resp: 1618929

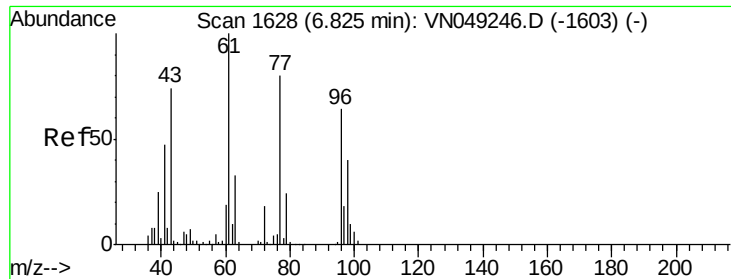
Ion Ratio Lower Upper

43 100

57 8.3 6.8 10.2

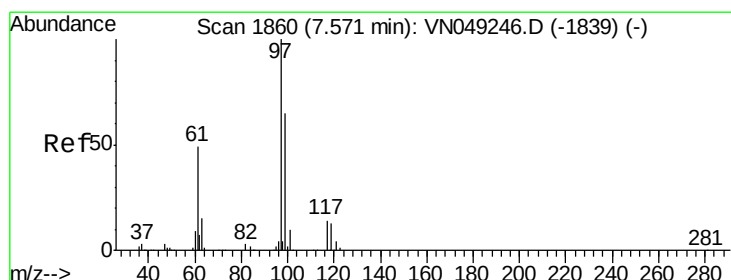
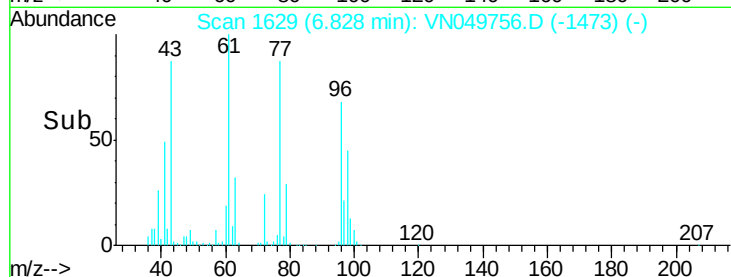
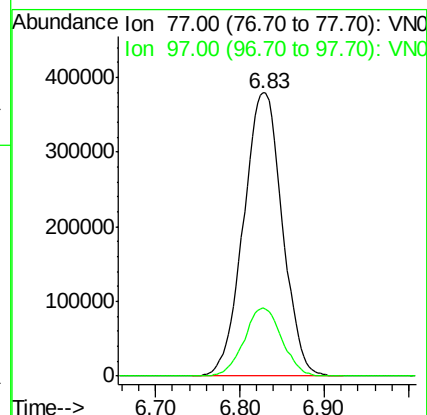
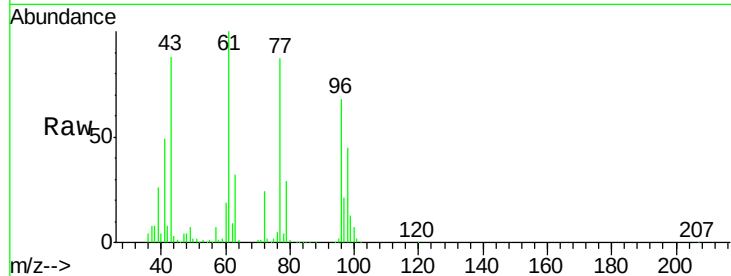
72 27.6 21.4 32.0





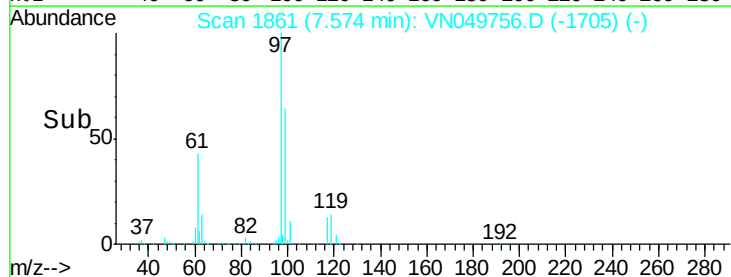
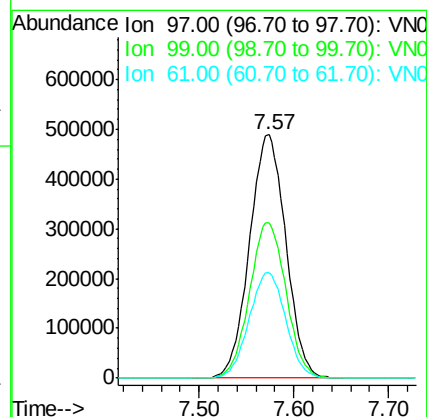
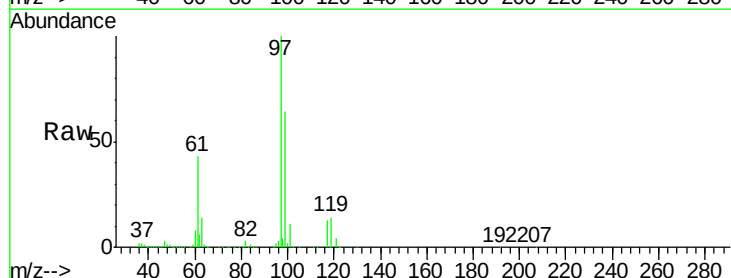
#31
 2,2-Dichloropropane
 Concen: 54.686 ug/l
 RT: 6.83 min Scan# 1629
 Delta R.T. 0.00 min
 Lab File: VN049756.D
 Acq: 11 Jul 2018 11:11

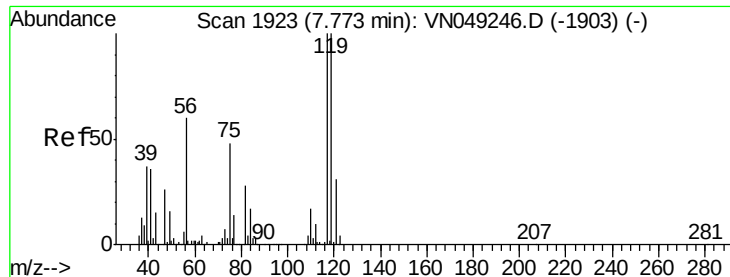
Tgt Ion: 77 Resp: 1208796
 Ion Ratio Lower Upper
 77 100
 97 23.6 18.9 28.3



#32
 1,1,1-Trichloroethane
 Concen: 49.980 ug/l
 RT: 7.57 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VN049756.D
 Acq: 11 Jul 2018 11:11

Tgt Ion: 97 Resp: 1304608
 Ion Ratio Lower Upper
 97 100
 99 64.0 51.2 76.8
 61 43.6 35.3 52.9





#33

Carbon Tetrachloride

Concen: 50.727 ug/l

RT: 7.77 min Scan# 1923

Delta R.T. -0.00 min

Lab File: VN049756.D

Acq: 11 Jul 2018 11:11

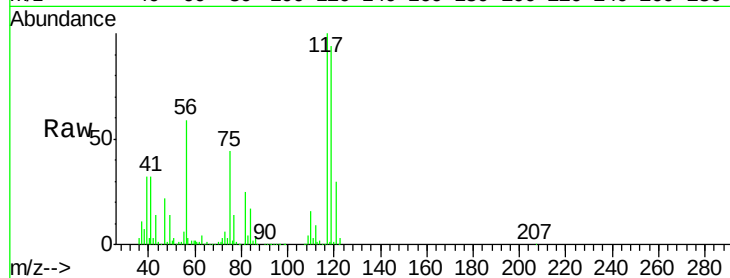
Tgt Ion: 117 Resp: 1162381

Ion Ratio Lower Upper

117 100

119 94.3 76.9 115.3

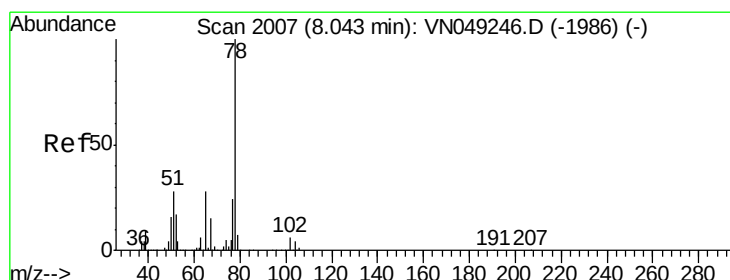
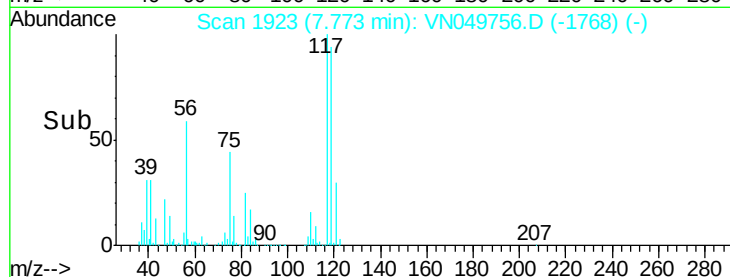
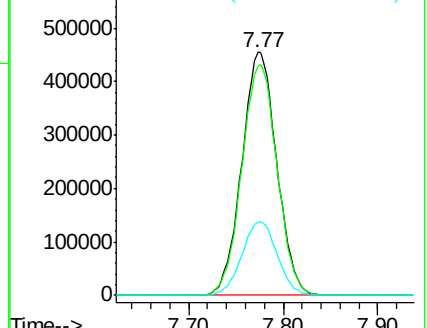
121 30.3 24.4 36.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 48.838 ug/l

RT: 8.04 min Scan# 2007

Delta R.T. 0.00 min

Lab File: VN049756.D

Acq: 11 Jul 2018 11:11

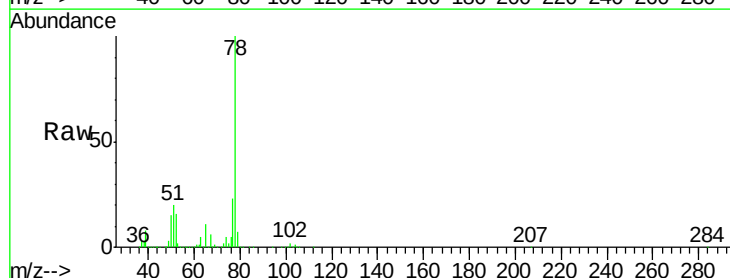
Tgt Ion: 78 Resp: 3426675

Ion Ratio Lower Upper

78 100

77 23.5 19.1 28.7

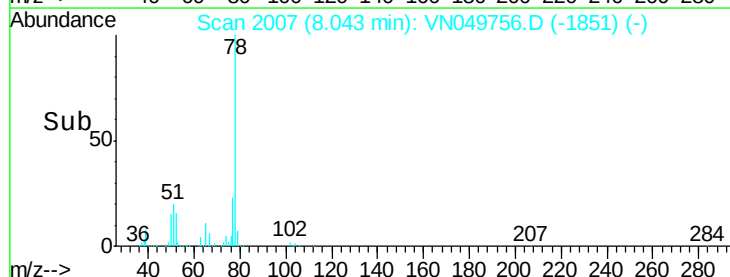
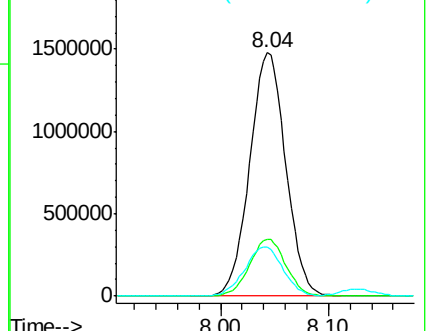
51 20.0 21.0 31.4#

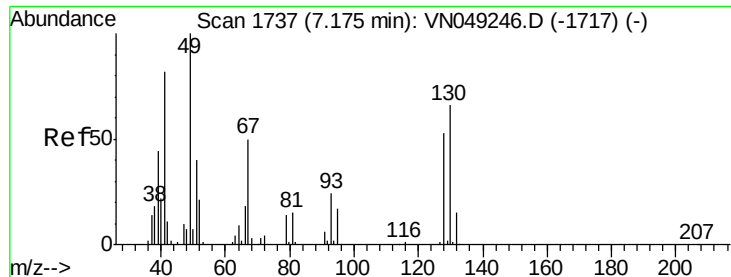


Abundance Ion 78.10 (77.80 to 78.80): VN0

Ion 77.00 (76.70 to 77.70): VN0

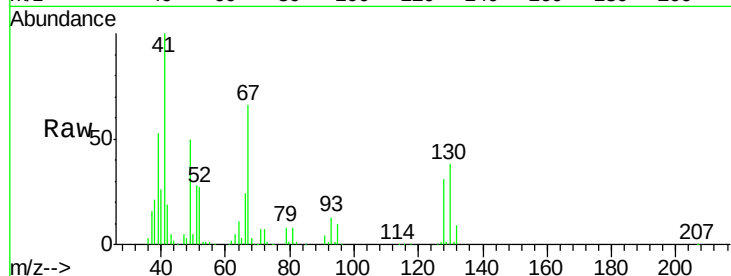
Ion 51.00 (50.70 to 51.70): VN0



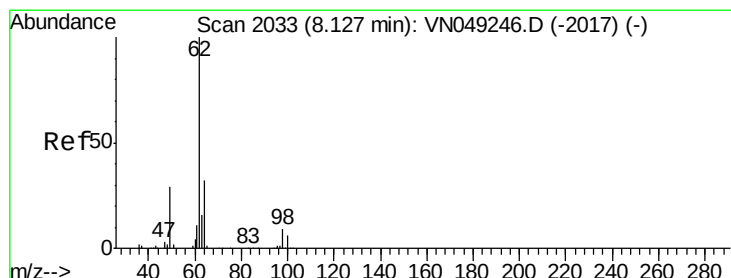
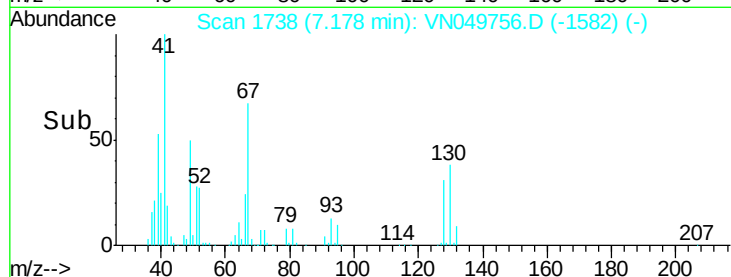
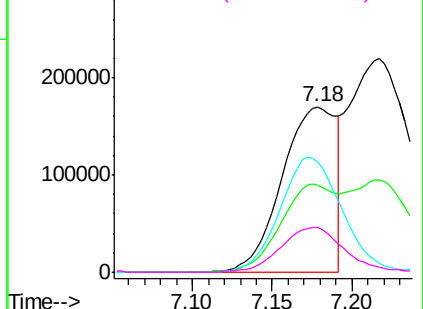


#35
Methacrylonitrile
Concen: 50.780 ug/l
RT: 7.18 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN049756.D
Acq: 11 Jul 2018 11:11

Tgt Ion: 41 Resp: 402042
Ion Ratio Lower Upper
41 100
39 52.8 27.6 82.7
67 66.6 35.1 105.5
52 26.5 14.1 42.4

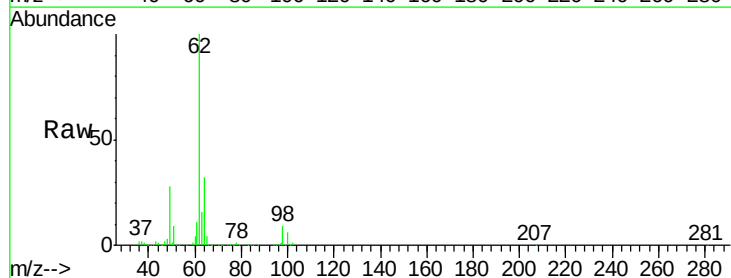


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

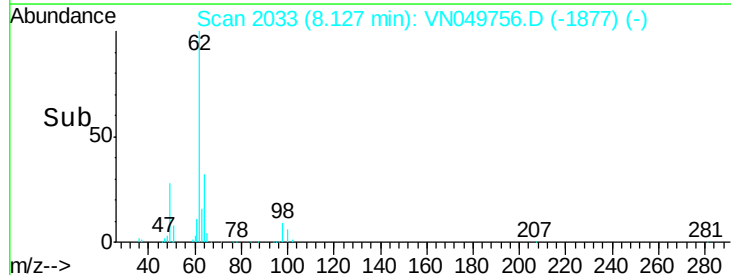
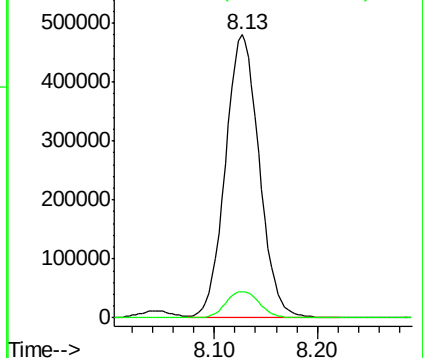


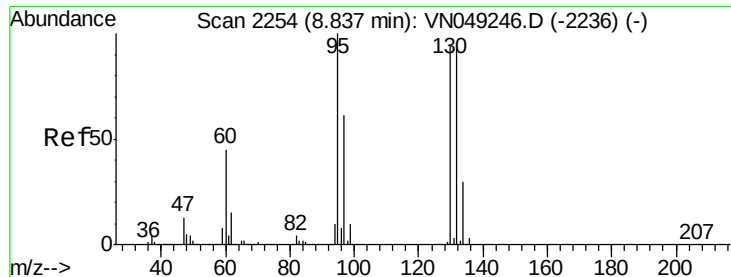
#36
1,2-Dichloroethane
Concen: 48.777 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN049756.D
Acq: 11 Jul 2018 11:11

Tgt Ion: 62 Resp: 1094148
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: 51.921 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN049756.D

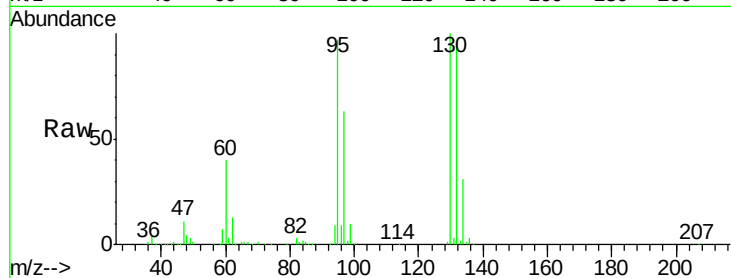
Acq: 11 Jul 2018 11:11

Tgt Ion: 130 Resp: 893089

Ion Ratio Lower Upper

130 100

95 97.0 79.7 119.5



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN0

8.84

400000

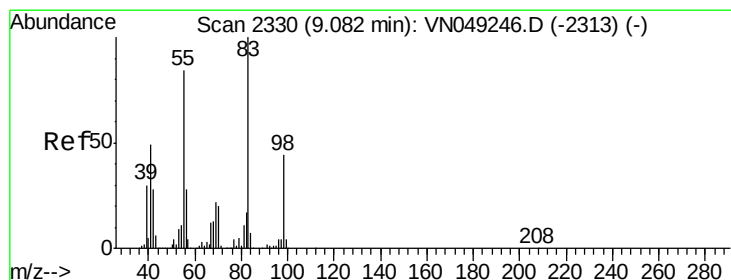
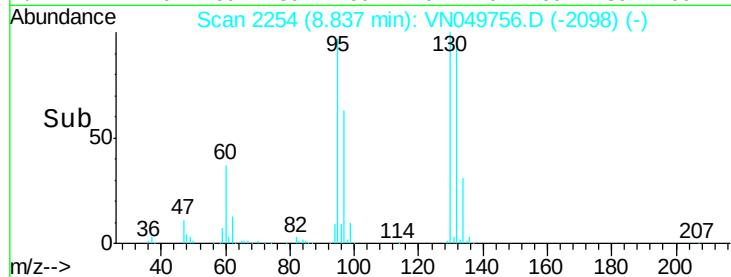
300000

200000

100000

0

Time-->



#38

Methylcyclohexane

Concen: 51.781 ug/l

RT: 9.08 min Scan# 2330

Delta R.T. 0.00 min

Lab File: VN049756.D

Acq: 11 Jul 2018 11:11

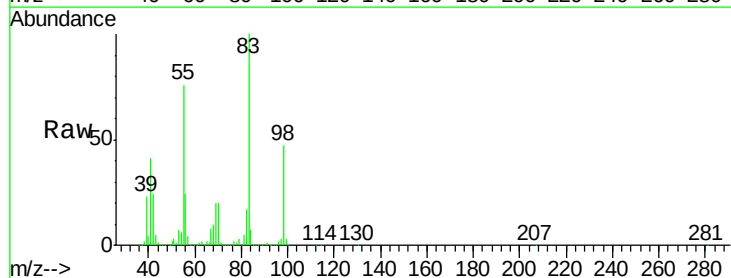
Tgt Ion: 83 Resp: 1239020

Ion Ratio Lower Upper

83 100

55 76.6 39.3 117.8

98 46.5 23.0 69.0



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0

9.08

800000

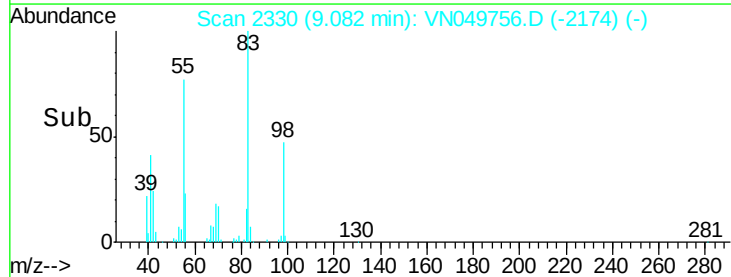
600000

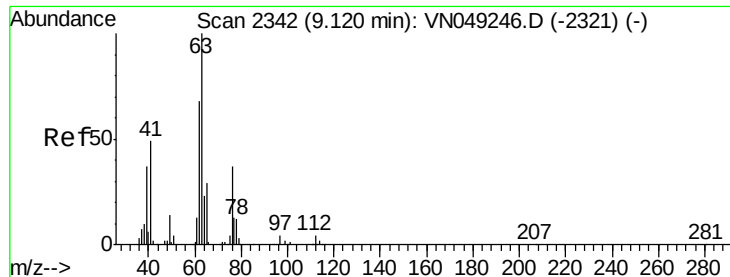
400000

200000

0

Time-->





#39

1,2-Dichloropropane

Concen: 47.023 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. -0.00 min

Lab File: VN049756.D

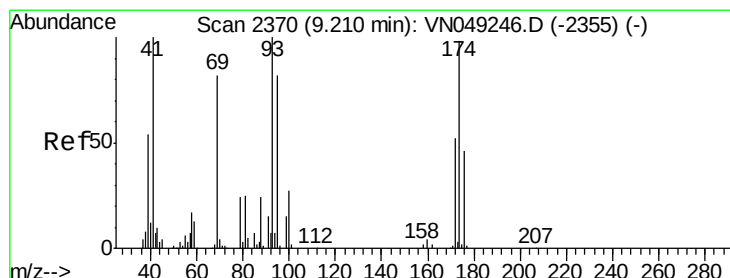
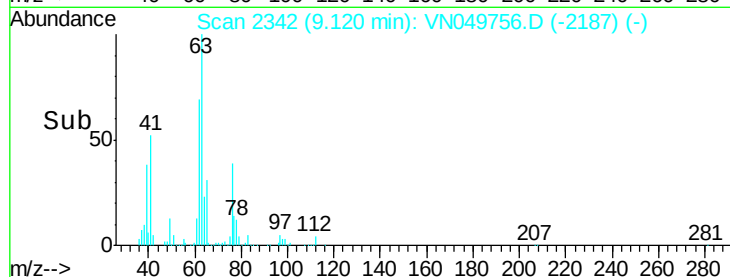
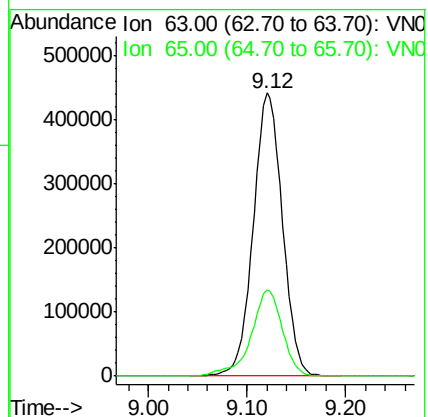
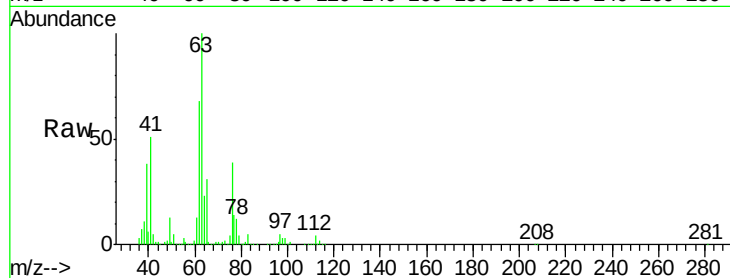
Acq: 11 Jul 2018 11:11

Tgt Ion: 63 Resp: 897071

Ion Ratio Lower Upper

63 100

65 30.5 24.2 36.2



#40

Dibromomethane

Concen: 50.517 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN049756.D

Acq: 11 Jul 2018 11:11

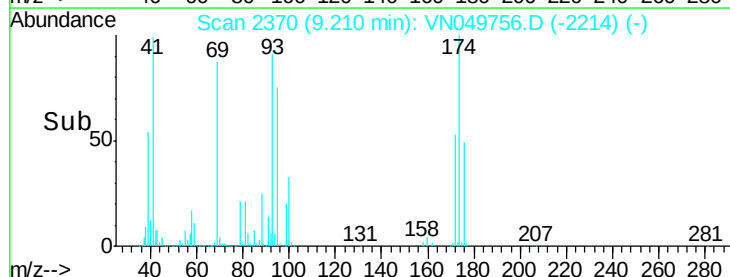
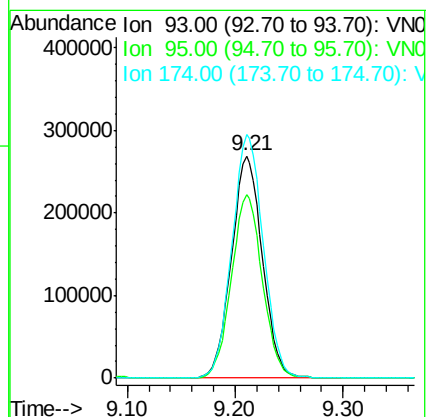
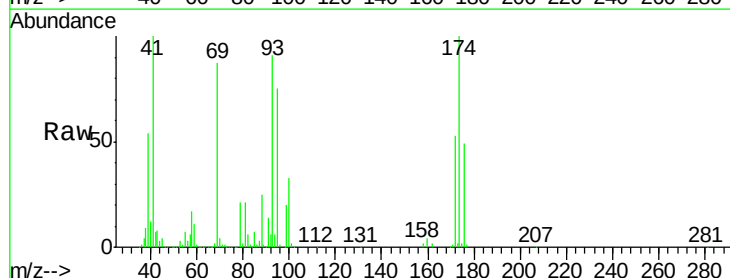
Tgt Ion: 93 Resp: 539607

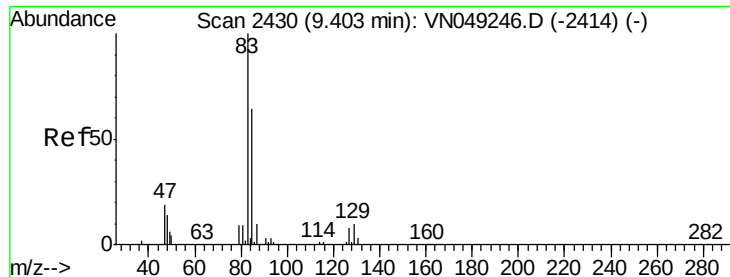
Ion Ratio Lower Upper

93 100

95 82.3 0.0 165.6

174 110.7 0.0 223.2





#41

Bromodichloromethane

Concen: 48.537 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN049756.D

Acq: 11 Jul 2018 11:11

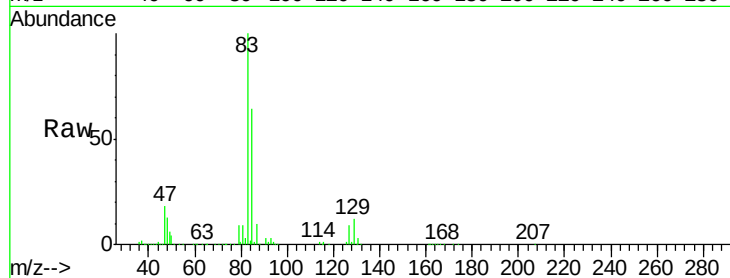
Tgt Ion: 83 Resp: 1145017

Ion Ratio Lower Upper

83 100

85 64.4 52.6 78.8

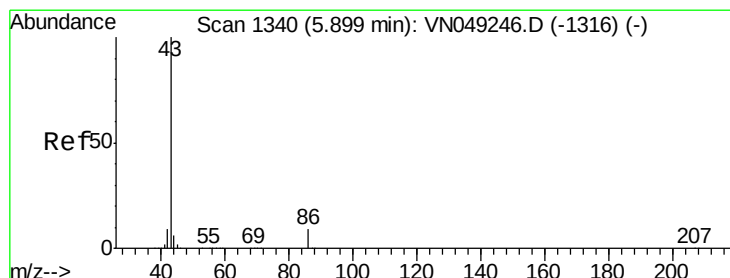
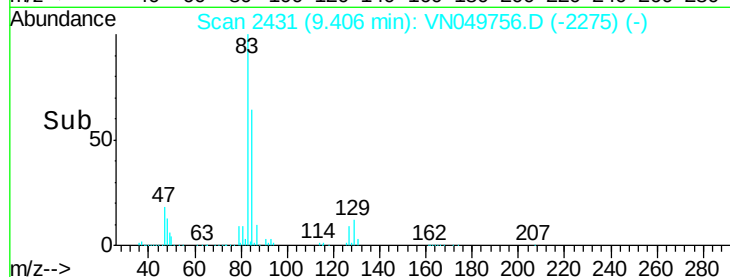
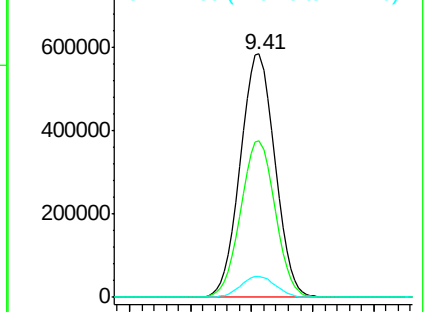
127 8.7 7.0 10.4



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

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

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



#42

Vinyl Acetate

Concen: 237.650 ug/l

RT: 5.90 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VN049756.D

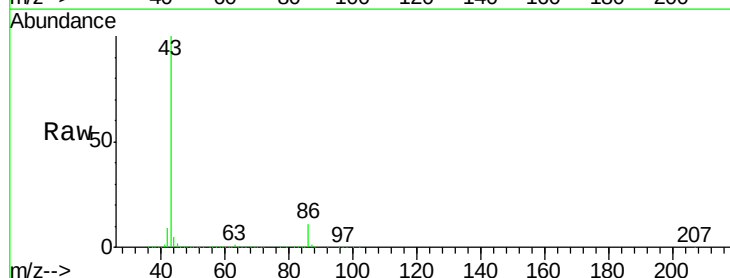
Acq: 11 Jul 2018 11:11

Tgt Ion: 43 Resp: 8689730

Ion Ratio Lower Upper

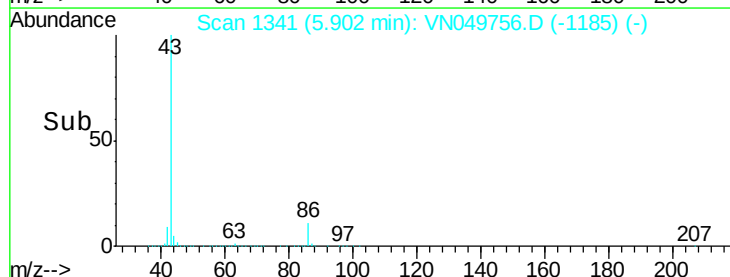
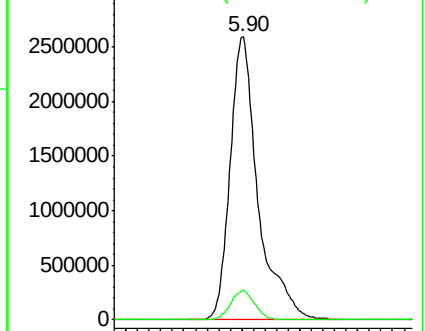
43 100

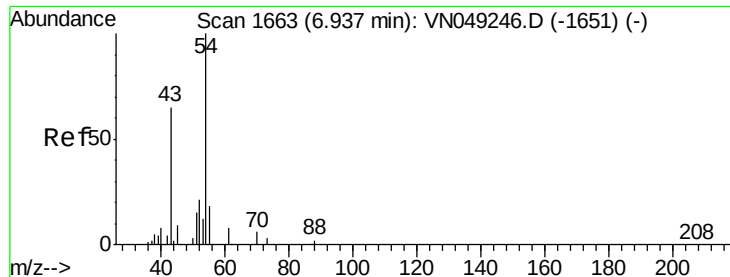
86 9.0 7.3 10.9



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

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





#43

Ethyl Acetate

Concen: 50.116 ug/l

RT: 6.94 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VN049756.D

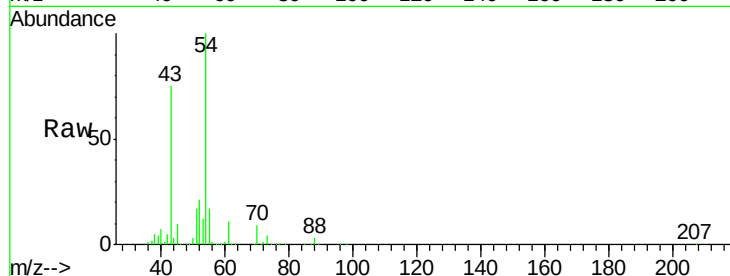
Acq: 11 Jul 2018 11:11

Tgt Ion: 43 Resp: 715425

Ion Ratio Lower Upper

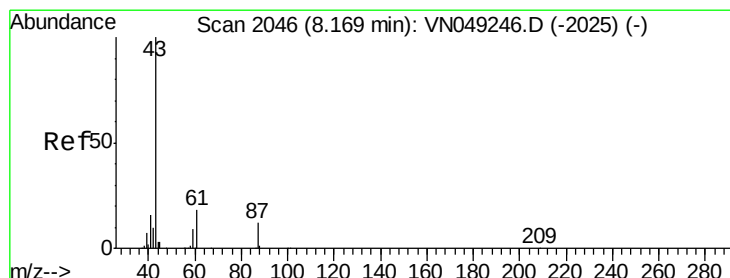
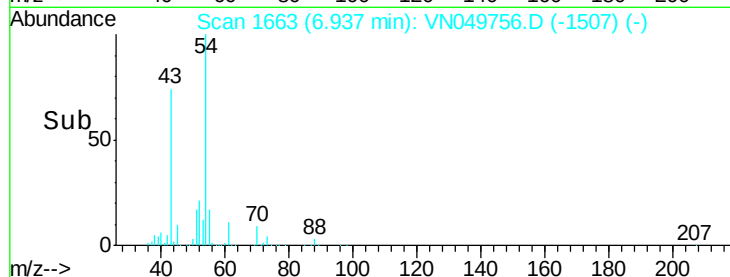
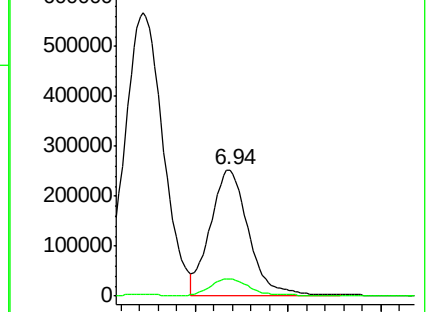
43 100

45 13.0 13.0 19.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#44

Isopropyl Acetate

Concen: 47.052 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN049756.D

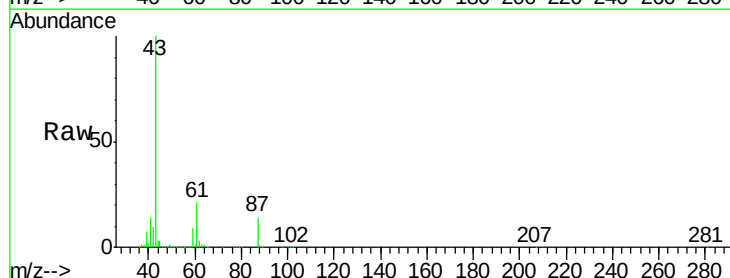
Acq: 11 Jul 2018 11:11

Tgt Ion: 43 Resp: 1282674

Ion Ratio Lower Upper

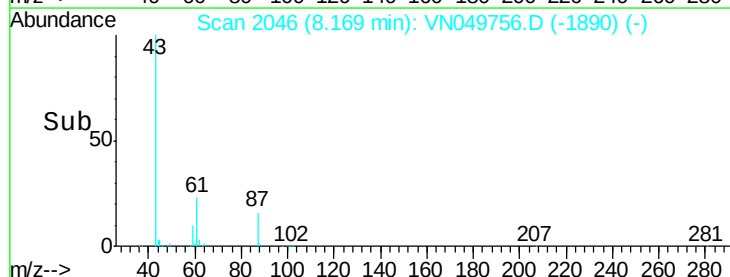
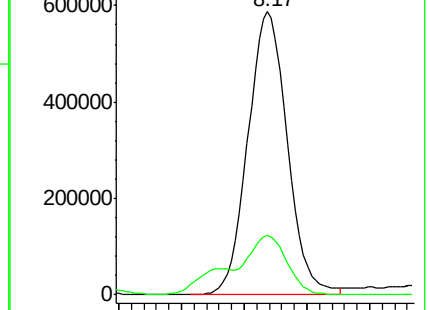
43 100

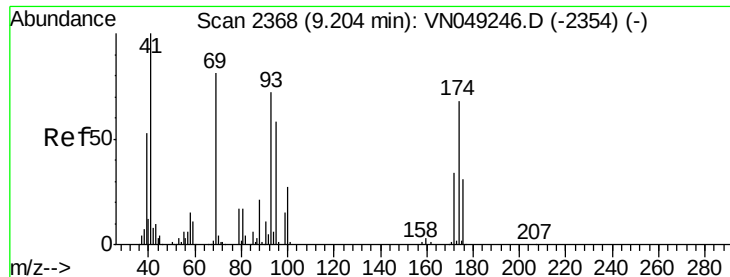
61 20.1 16.4 24.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#45

1,4-Dioxane

Concen: 1095.674 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. -0.00 min

Lab File: VN049756.D

Acq: 11 Jul 2018 11:11

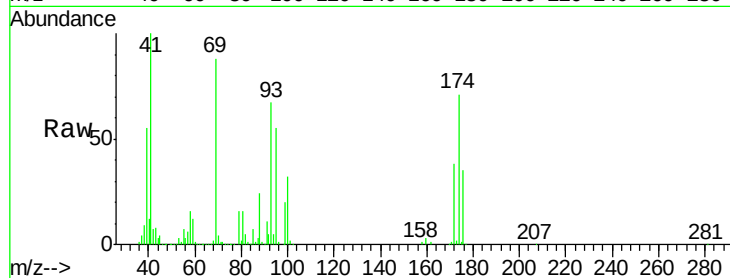
Tgt Ion: 88 Resp: 170020

Ion Ratio Lower Upper

88 100

43 32.3 26.9 40.3

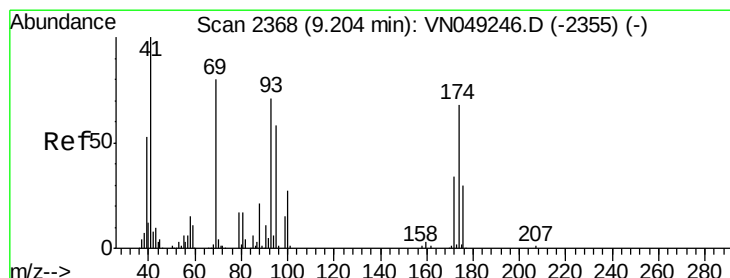
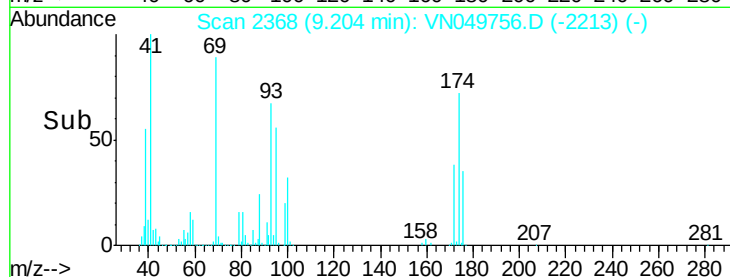
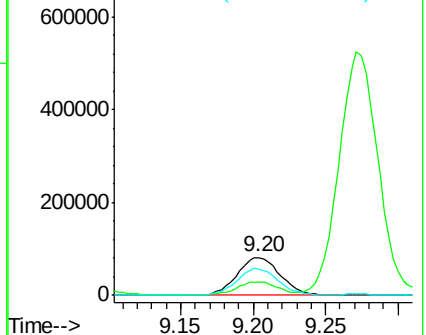
58 68.6 53.6 80.4



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#46

Methyl methacrylate

Concen: 51.539 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN049756.D

Acq: 11 Jul 2018 11:11

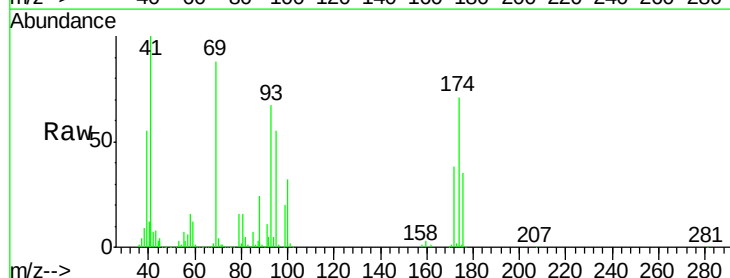
Tgt Ion: 41 Resp: 664944

Ion Ratio Lower Upper

41 100

69 89.6 44.0 132.1

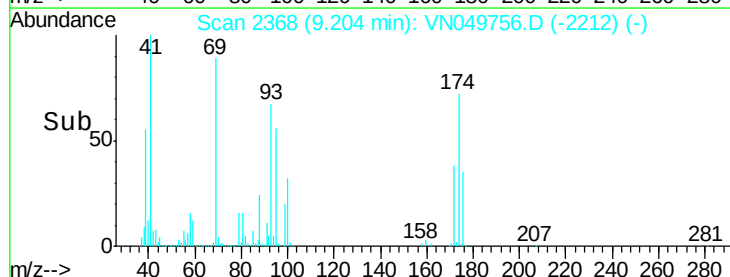
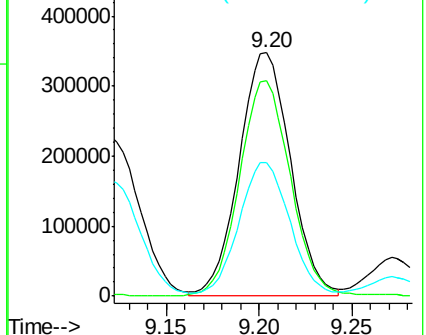
39 54.6 27.0 80.8

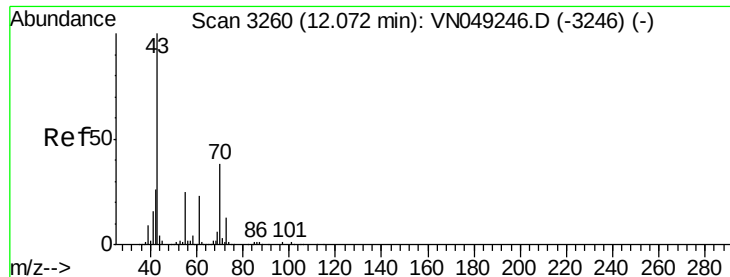


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#47

n-amyl Acetate

Concen: 51.560 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049756.D

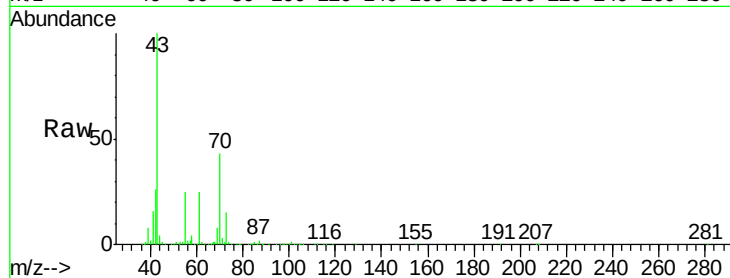
Acq: 11 Jul 2018 11:11

Tgt Ion: 43 Resp: 1117784

Ion Ratio Lower Upper

43 100

55 25.6 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

800000

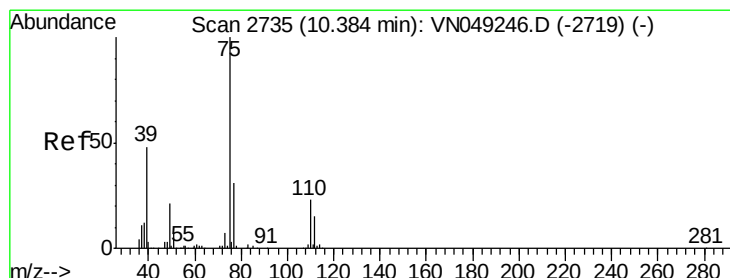
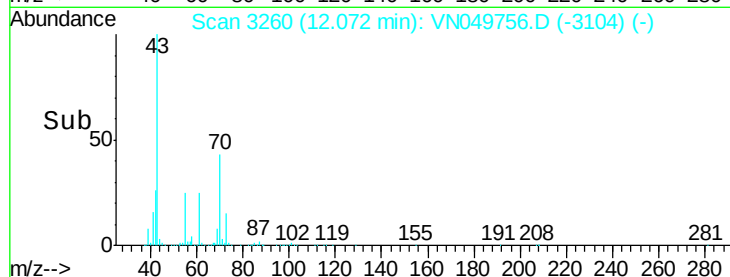
600000

400000

200000

0

Time-->



#48

t-1,3-Dichloropropene

Concen: 51.116 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN049756.D

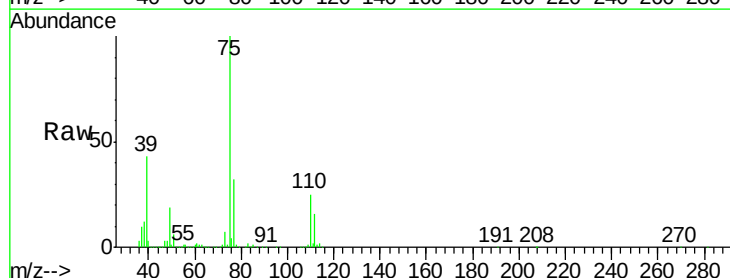
Acq: 11 Jul 2018 11:11

Tgt Ion: 75 Resp: 1177804

Ion Ratio Lower Upper

75 100

77 31.6 24.6 37.0



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

10.38

800000

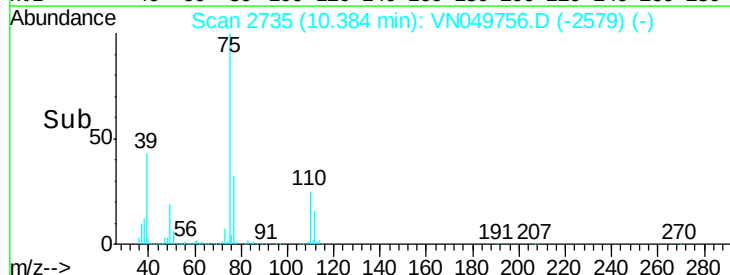
600000

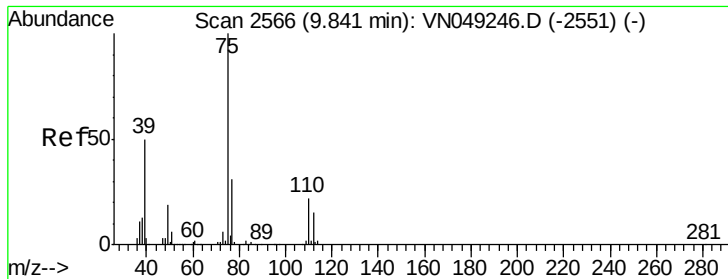
400000

200000

0

Time-->



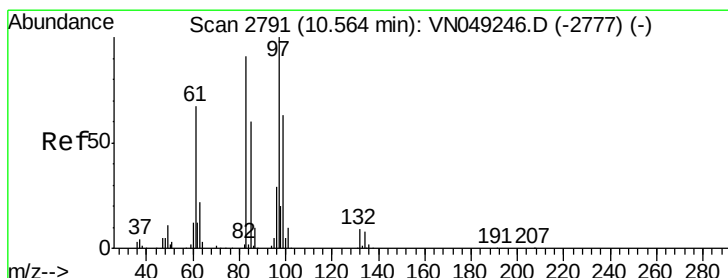
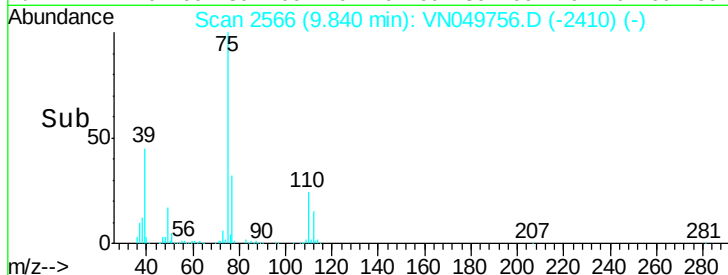
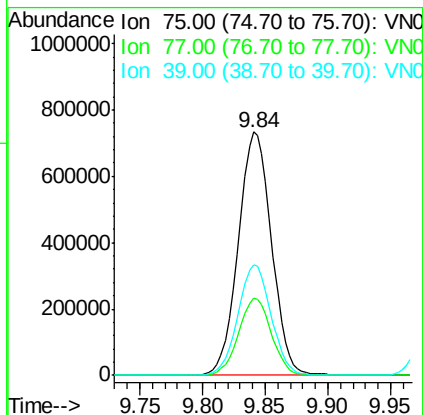
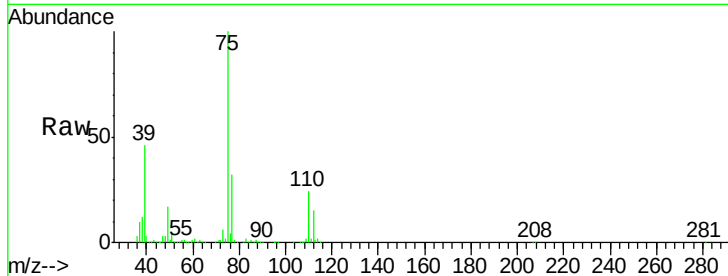


#49

cis-1,3-Dichloropropene
Concen: 50.371 ug/l
RT: 9.84 min Scan# 2566
Delta R.T. 0.00 min
Lab File: VN049756.D
Acq: 11 Jul 2018 11:11

Tgt Ion: 75 Resp: 1349737

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

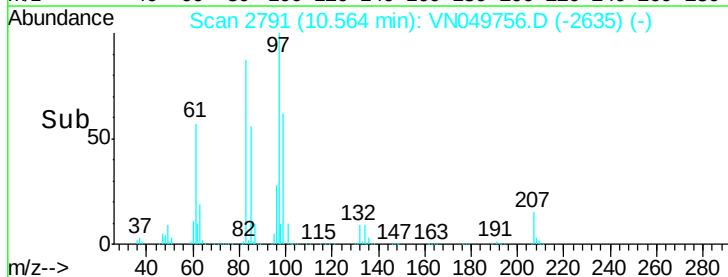
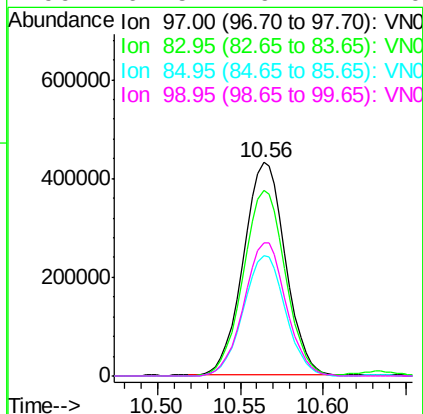
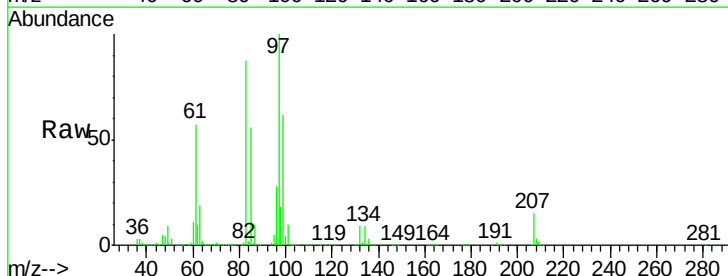


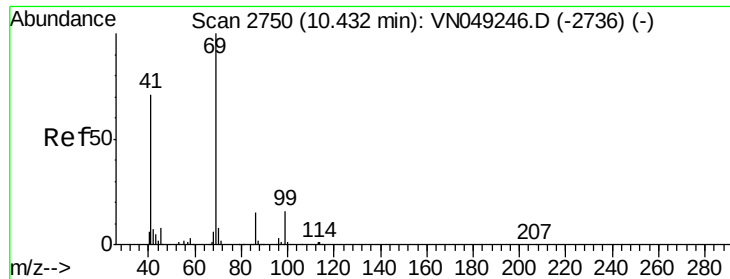
#50

1,1,2-Trichloroethane
Concen: 49.958 ug/l
RT: 10.56 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN049756.D
Acq: 11 Jul 2018 11:11

Tgt Ion: 97 Resp: 762282

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





#51

Ethyl methacrylate

Concen: 52.374 ug/l

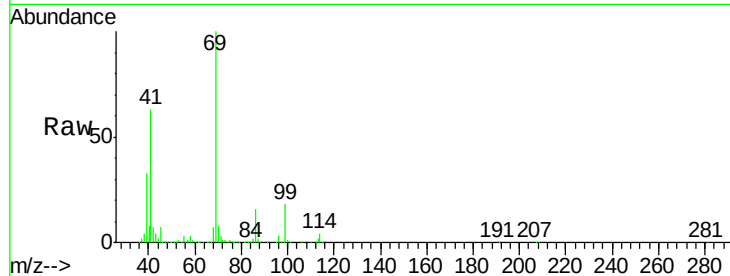
RT: 10.43 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VN049756.D

Acq: 11 Jul 2018 11:11

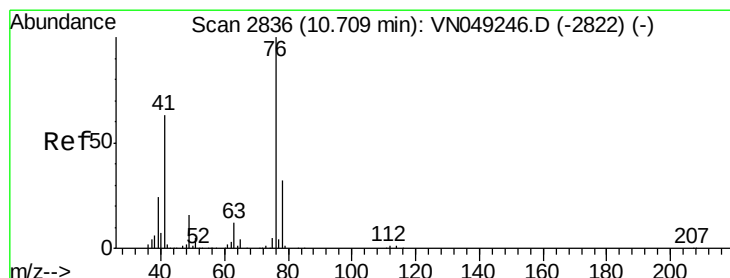
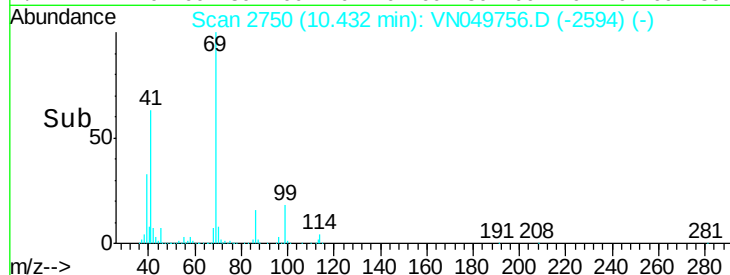
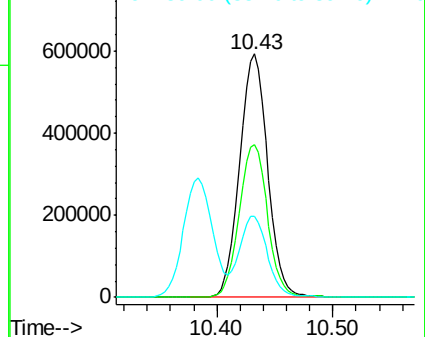
Tgt Ion:	69	Resp:	993270
Ion	Ratio	Lower	Upper
69	100		
41	62.6	31.9	95.9
39	33.0	16.7	50.1



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

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

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



#52

1,3-Dichloropropane

Concen: 49.649 ug/l

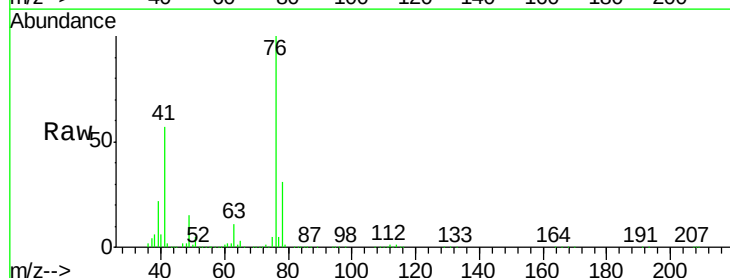
RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN049756.D

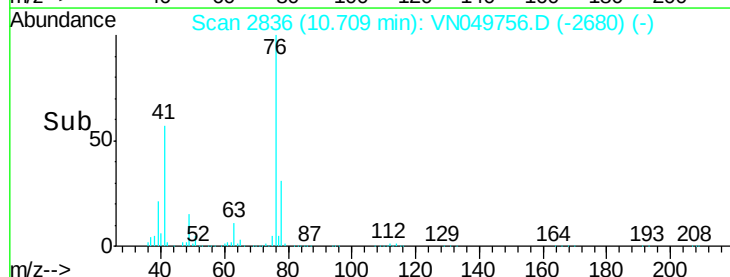
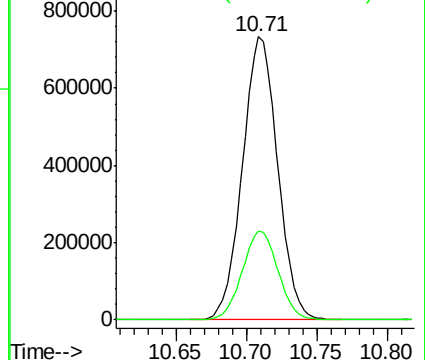
Acq: 11 Jul 2018 11:11

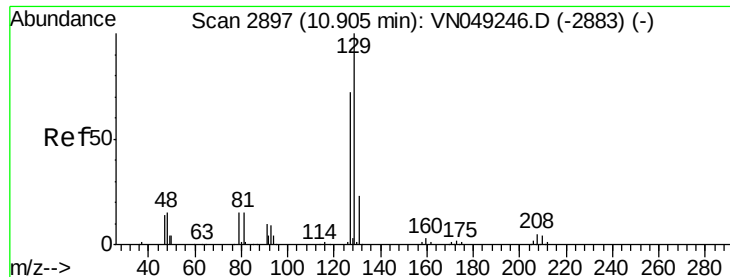
Tgt Ion:	76	Resp:	1287003
Ion	Ratio	Lower	Upper
76	100		
78	32.0	0.0	65.6



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

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





#53

Dibromochloromethane

Concen: 52.136 ug/l

RT: 10.90 min Scan# 2897

Delta R.T. 0.00 min

Lab File: VN049756.D

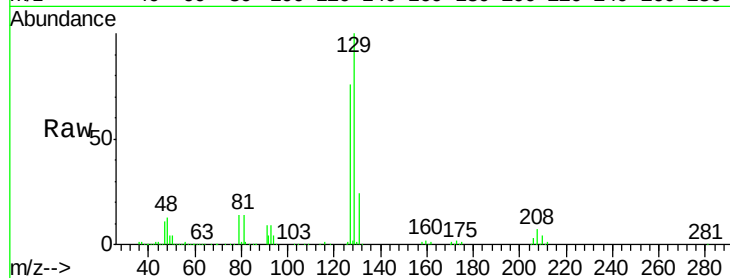
Acq: 11 Jul 2018 11:11

Tgt Ion:129 Resp: 884608

Ion Ratio Lower Upper

129 100

127 76.6 38.1 114.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

10.90

500000

400000

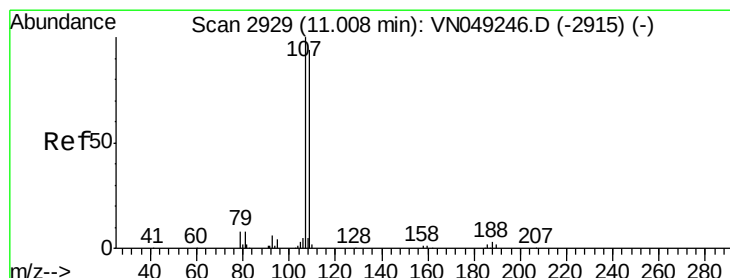
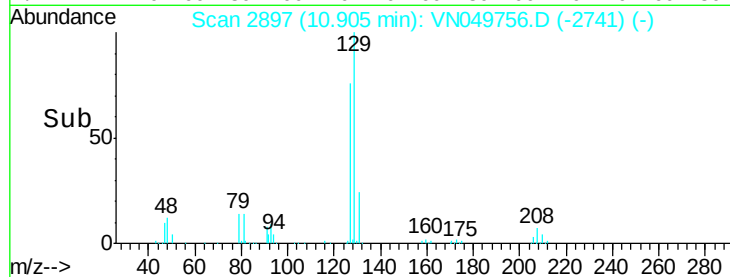
300000

200000

100000

0

Time--> 10.80 10.90 11.00



#54

1,2-Dibromoethane

Concen: 53.178 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VN049756.D

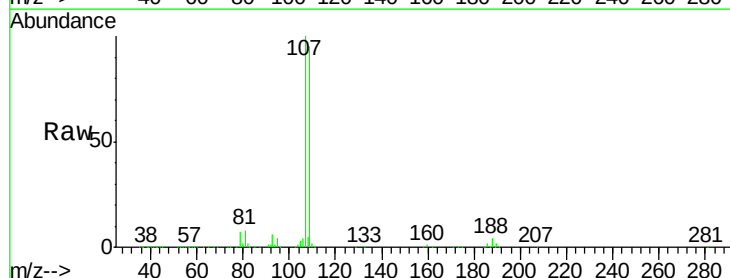
Acq: 11 Jul 2018 11:11

Tgt Ion:107 Resp: 757150

Ion Ratio Lower Upper

107 100

109 95.0 76.2 114.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

11.01

500000

400000

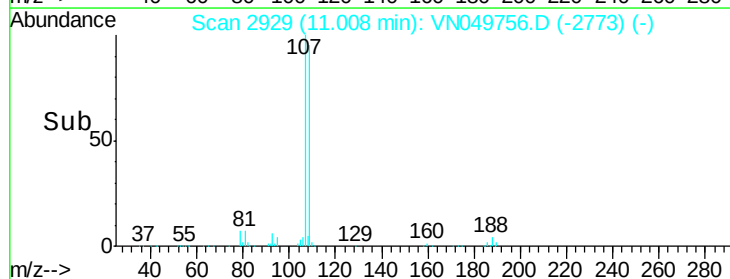
300000

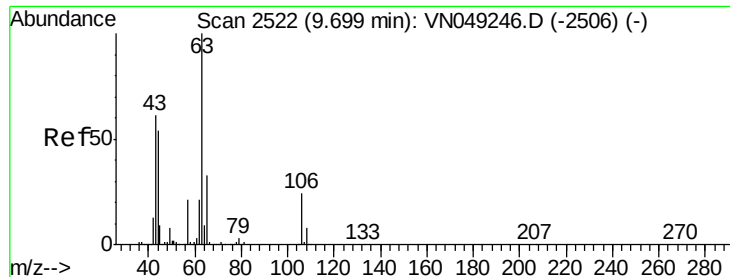
200000

100000

0

Time--> 10.95 11.00 11.05

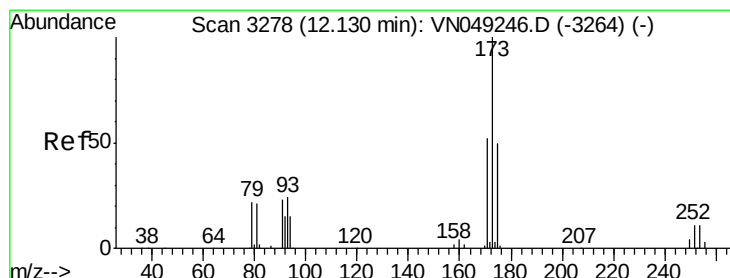
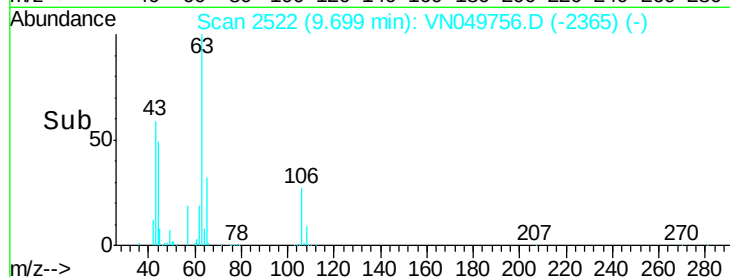
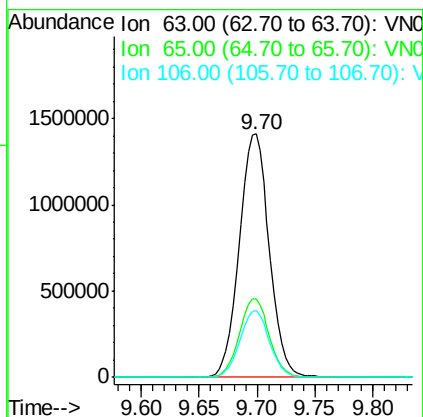
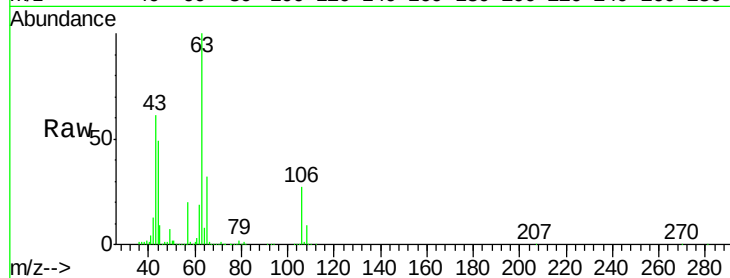




#55
 2-Chloroethyl vinyl ether
 Concen: 378.029 ug/l
 RT: 9.70 min Scan# 2522
 Delta R.T. 0.00 min
 Lab File: VN049756.D
 Acq: 11 Jul 2018 11:11

Tgt Ion: 63 Resp: 2527565

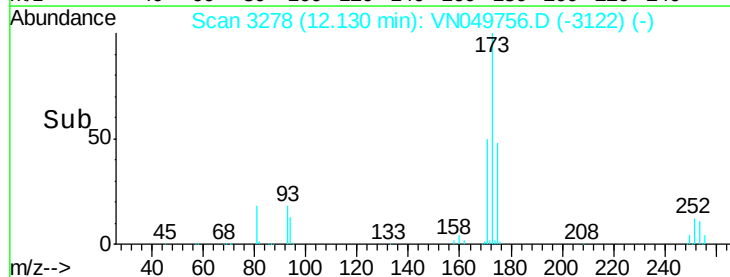
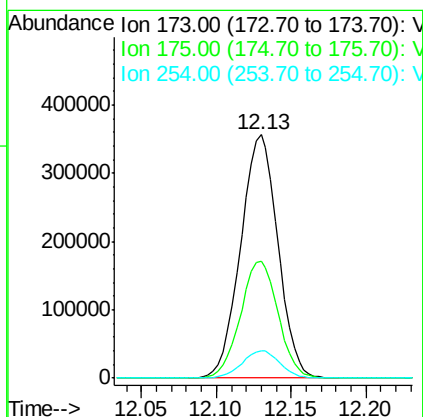
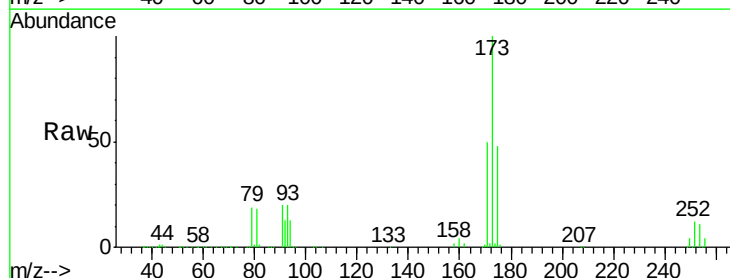
Ion	Ratio	Lower	Upper
63	100		
65	32.0	25.5	38.3
106	27.0	21.8	32.6

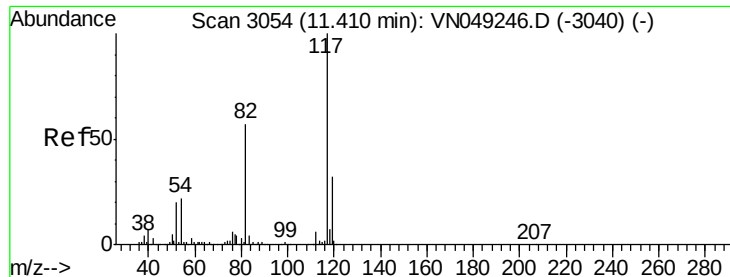


#56
 Bromoform
 Concen: 56.496 ug/l
 RT: 12.13 min Scan# 3278
 Delta R.T. 0.00 min
 Lab File: VN049756.D
 Acq: 11 Jul 2018 11:11

Tgt Ion: 173 Resp: 617060

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





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049756.D

Acq: 11 Jul 2018 11:11

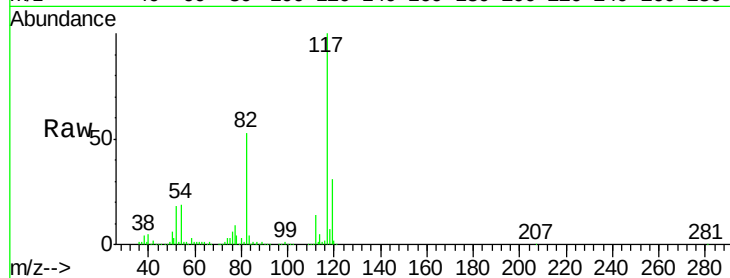
Tgt Ion: 117 Resp: 1272372

Ion Ratio Lower Upper

117 100

82 53.3 42.4 63.6

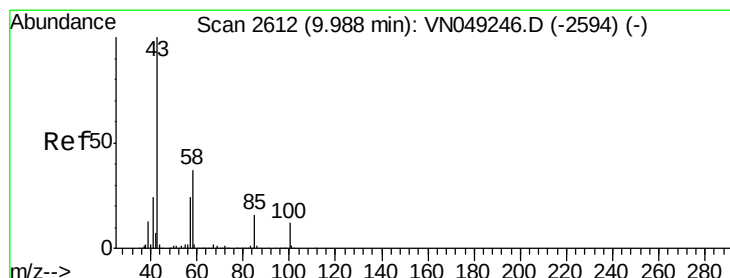
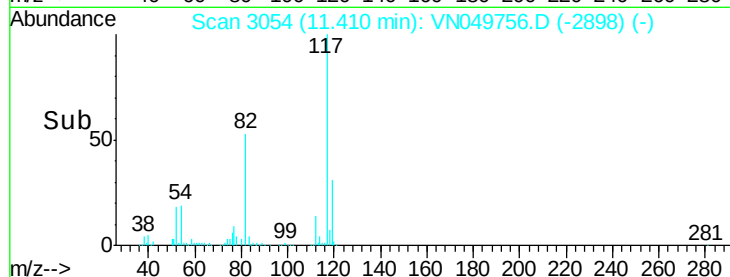
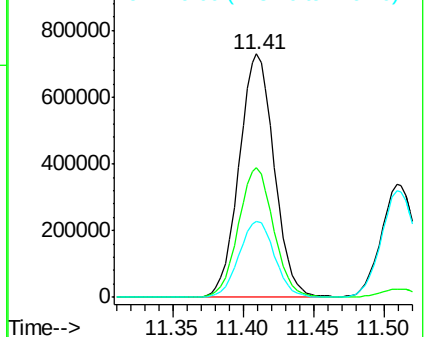
119 31.8 25.4 38.0



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 119.00 (118.70 to 119.70): V



#58

4-Methyl-2-Pentanone

Concen: 250.075 ug/l

RT: 9.99 min Scan# 2612

Delta R.T. 0.00 min

Lab File: VN049756.D

Acq: 11 Jul 2018 11:11

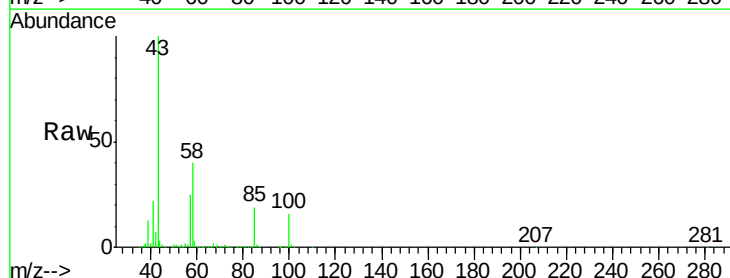
Tgt Ion: 43 Resp: 3593686

Ion Ratio Lower Upper

43 100

58 40.2 31.2 46.8

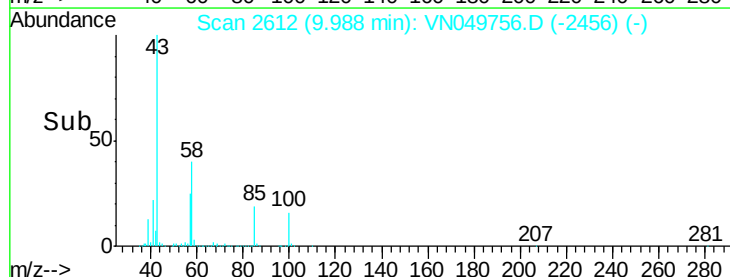
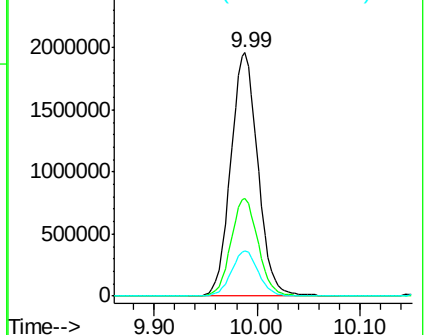
85 18.4 14.4 21.6

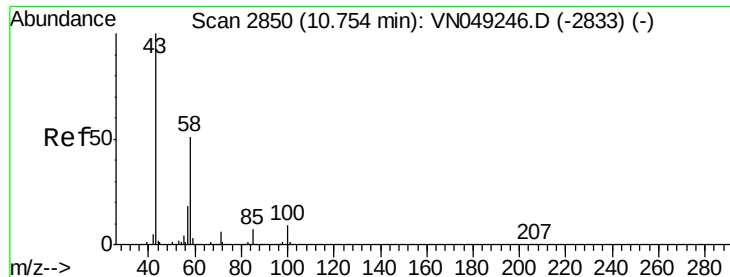


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

Ion 85.00 (84.70 to 85.70): VN0

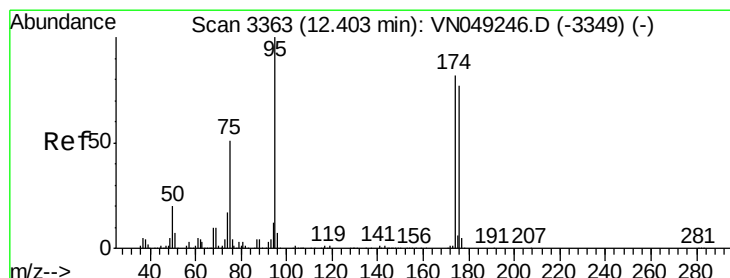
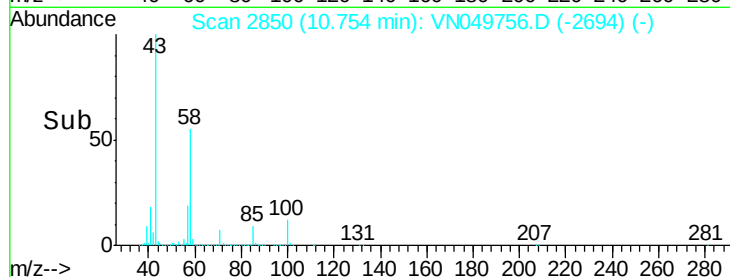
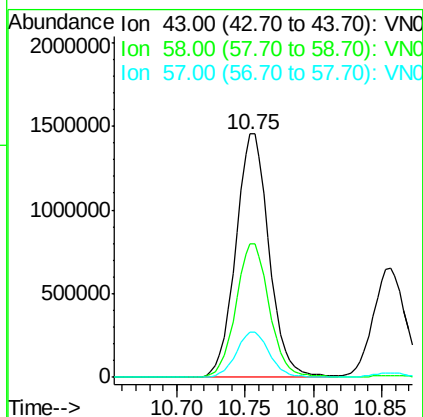
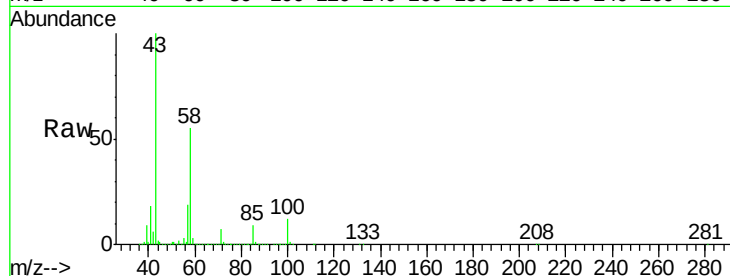




#59
2-Hexanone
Concen: 270.016 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049756.D
Acq: 11 Jul 2018 11:11

Tgt Ion: 43 Resp: 2455883

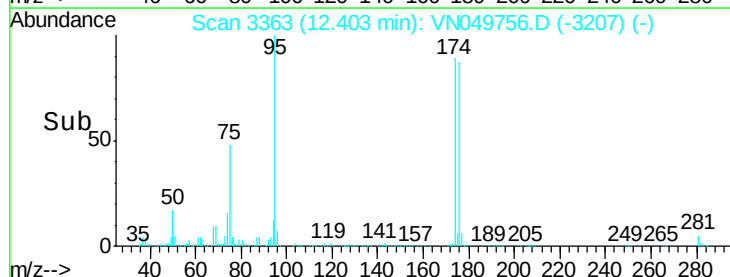
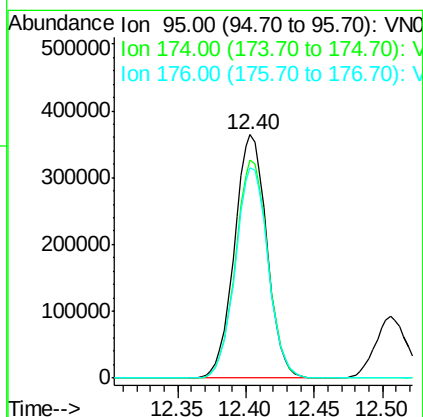
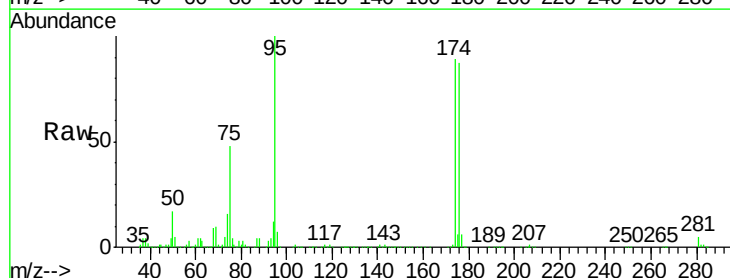
Ion	Ratio	Lower	Upper
43	100		
58	55.4	43.8	65.8
57	18.9	15.1	22.7

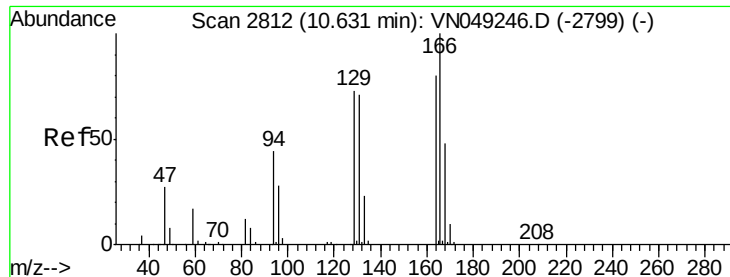


#60
4-Bromofluorobenzene
Concen: 30.052 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049756.D
Acq: 11 Jul 2018 11:11

Tgt Ion: 95 Resp: 600418

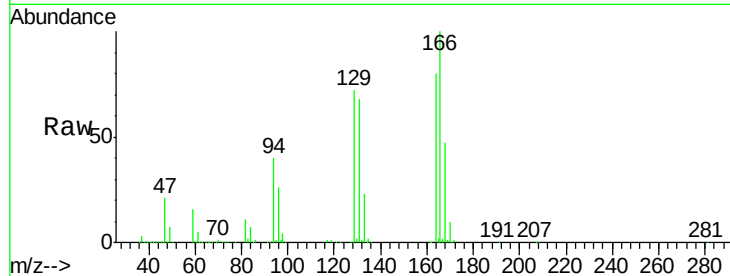
Ion	Ratio	Lower	Upper
95	100		
174	89.6	72.3	108.5
176	87.2	70.0	105.0



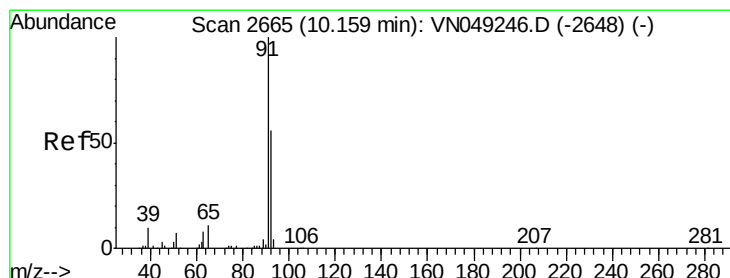
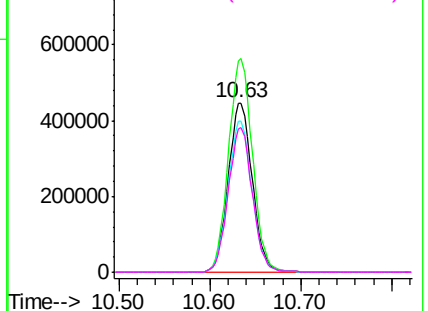
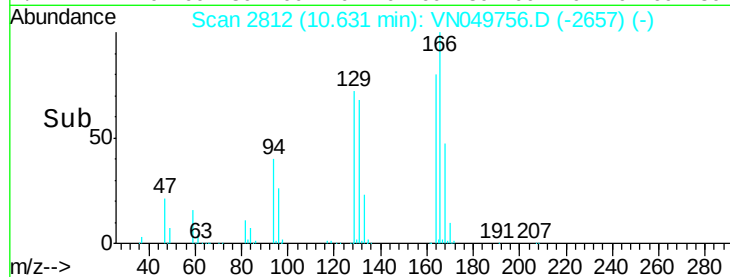


#61
Tetrachloroethene
Concen: 49.294 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN049756.D
Acq: 11 Jul 2018 11:11

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

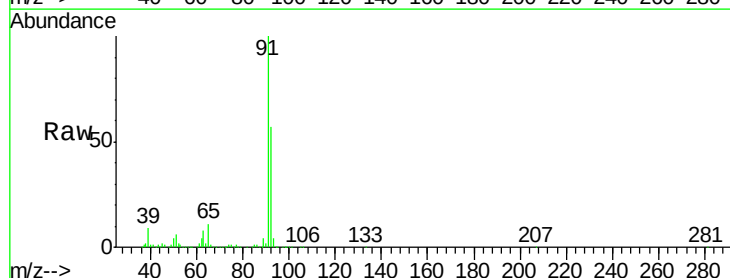


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

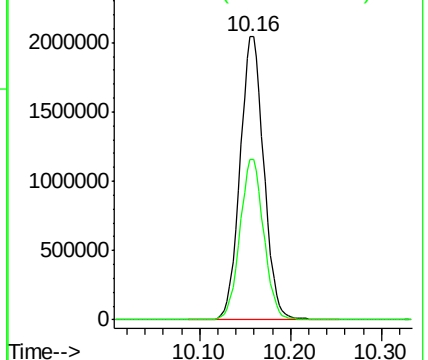
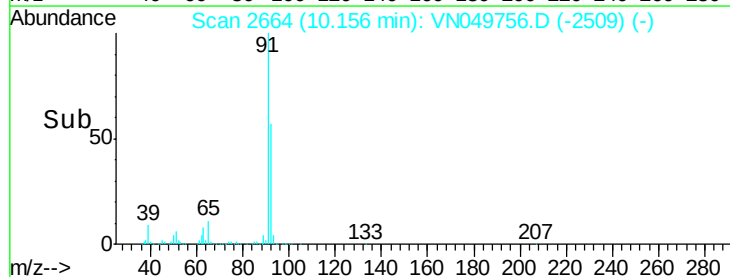


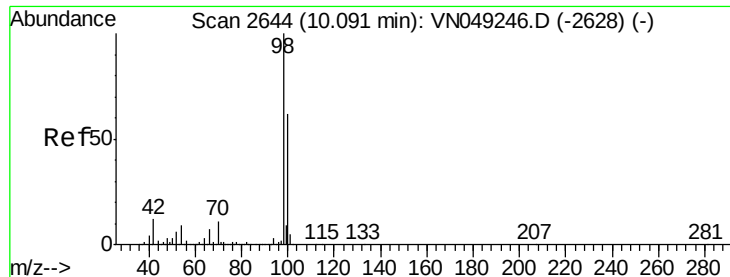
#62
Toluene
Concen: 50.309 ug/l
RT: 10.16 min Scan# 2664
Delta R.T. -0.00 min
Lab File: VN049756.D
Acq: 11 Jul 2018 11:11

Tgt Ion: 91 Resp: 3709862
Ion Ratio Lower Upper
91 100
92 56.6 45.7 68.5



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 29.206 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN049756.D

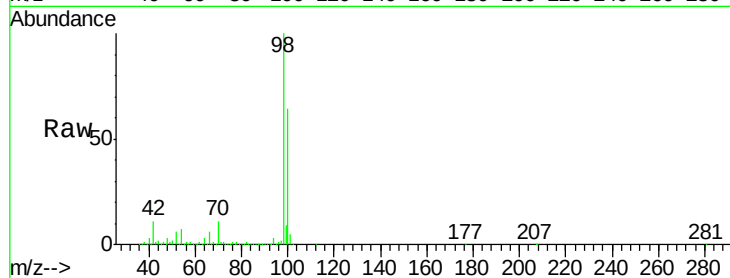
Acq: 11 Jul 2018 11:11

Tgt Ion: 98 Resp: 1782849

Ion Ratio Lower Upper

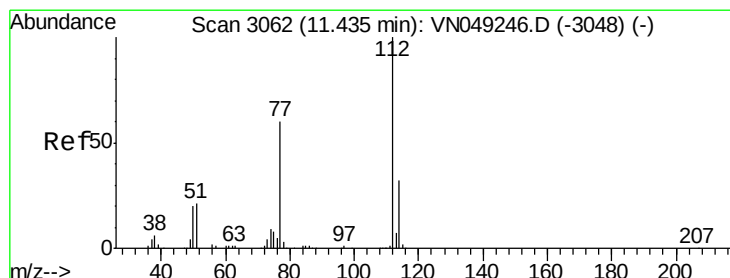
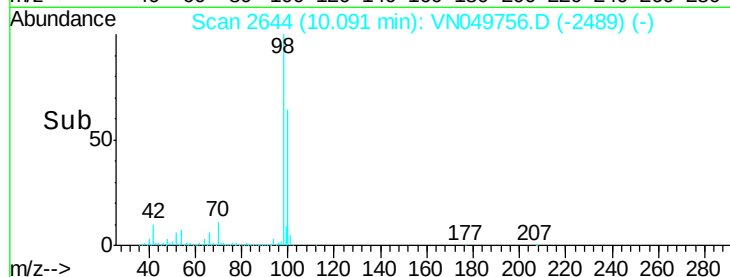
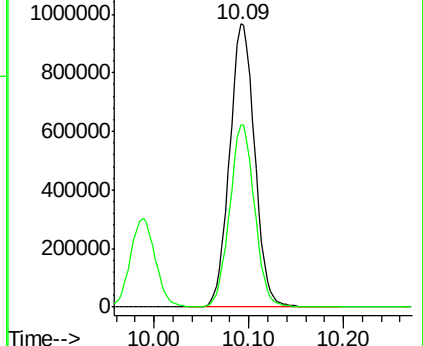
98 100

100 63.9 51.2 76.8



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

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



#64

Chlorobenzene

Concen: 52.060 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049756.D

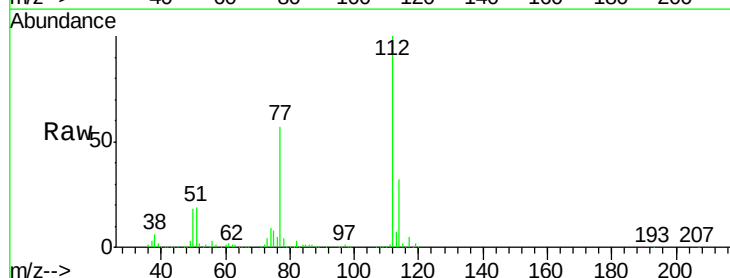
Acq: 11 Jul 2018 11:11

Tgt Ion: 112 Resp: 2268022

Ion Ratio Lower Upper

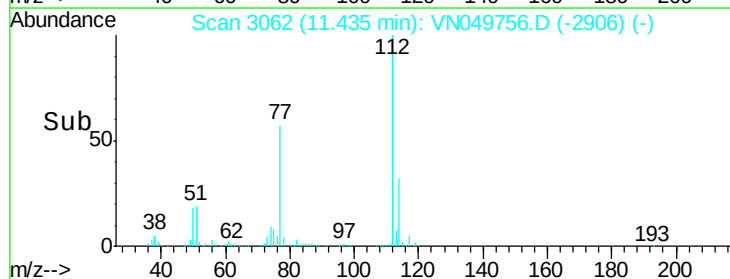
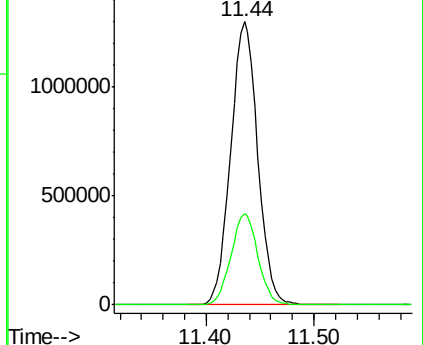
112 100

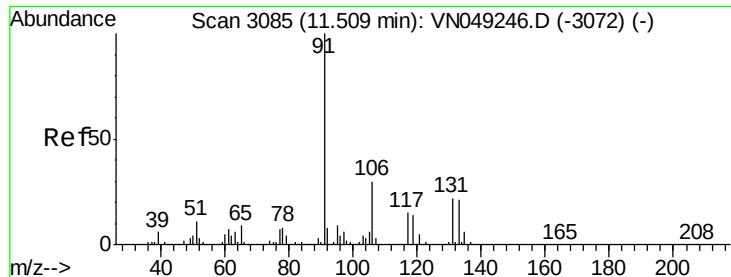
114 32.4 26.2 39.2



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

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





#65

1,1,1,2-Tetrachloroethane

Concen: 52.311 ug/l

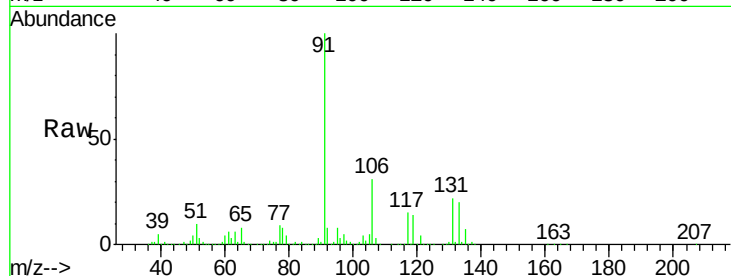
RT: 11.51 min Scan# 3085

Delta R.T. 0.00 min

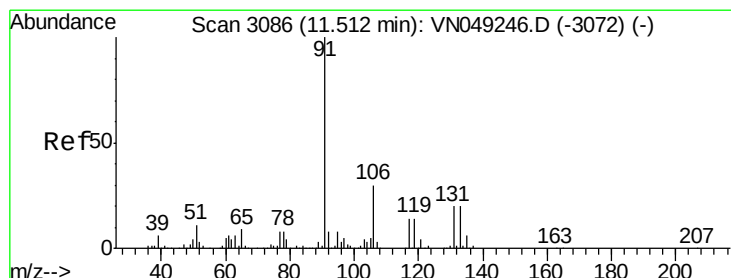
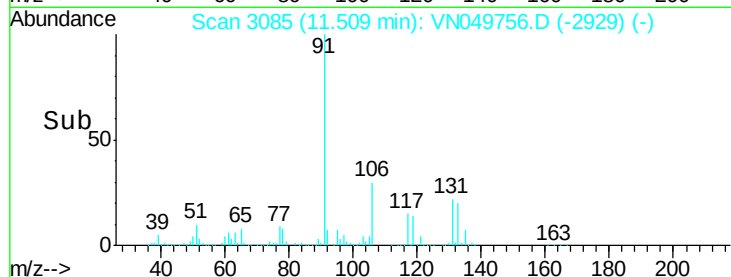
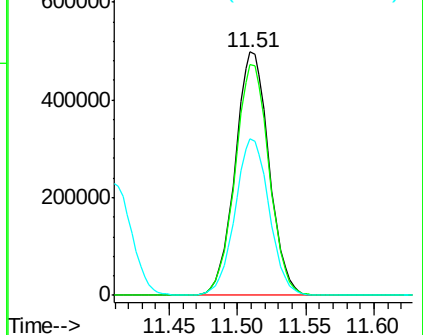
Lab File: VN049756.D

Acq: 11 Jul 2018 11:11

Tgt Ion:	131	Resp:	857372
Ion	Ratio	Lower	Upper
131	100		
133	95.3	0.0	190.0
119	64.7	0.0	131.6



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



#66

Ethyl Benzene

Concen: 51.854 ug/l

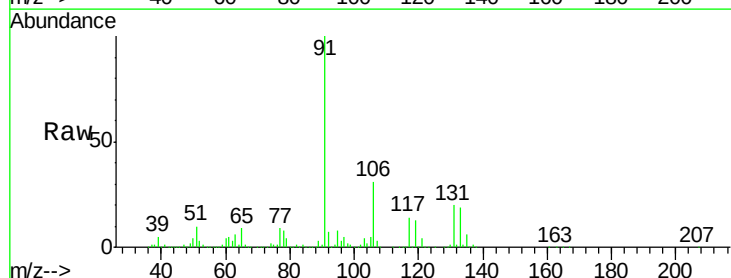
RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

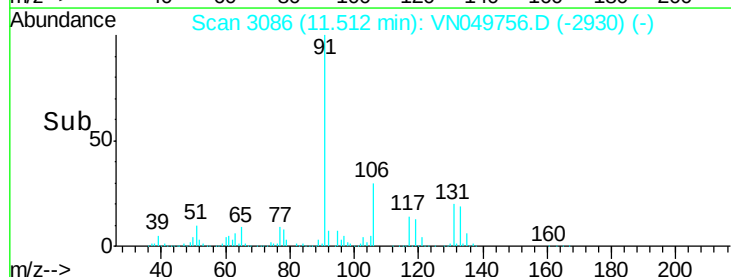
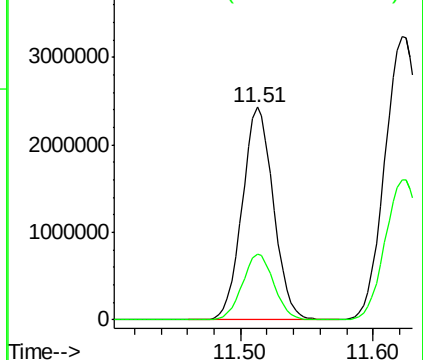
Lab File: VN049756.D

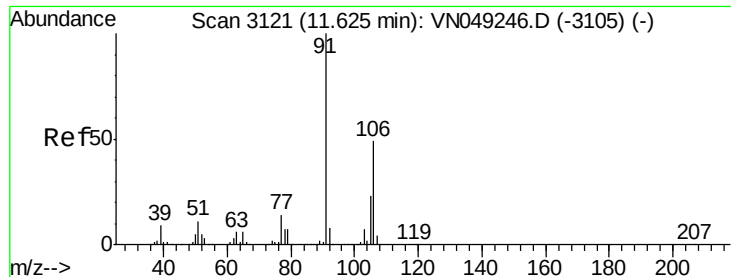
Acq: 11 Jul 2018 11:11

Tgt Ion:	91	Resp:	3970134
Ion	Ratio	Lower	Upper
91	100		
106	31.0	25.1	37.7



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





#67

m/p-Xylenes

Concen: 106.759 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.00 min

Lab File: VN049756.D

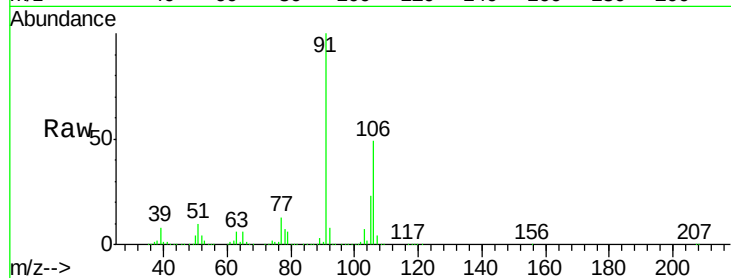
Acq: 11 Jul 2018 11:11

Tgt Ion:106 Resp: 3061655

Ion Ratio Lower Upper

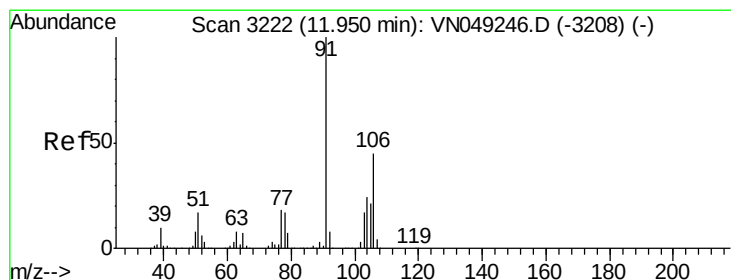
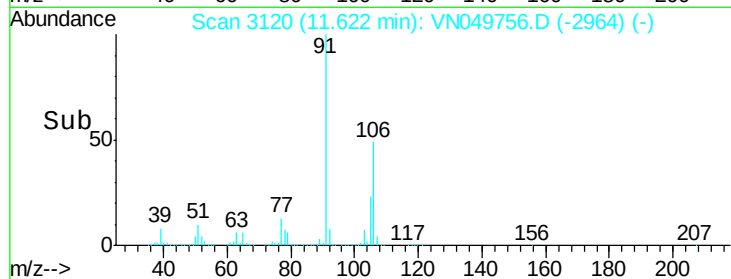
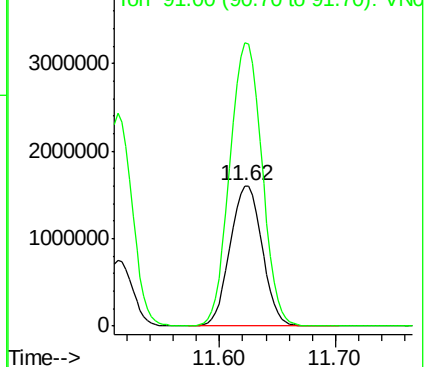
106 100

91 203.2 162.5 243.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#68

o-Xylene

Concen: 52.641 ug/l

RT: 11.95 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN049756.D

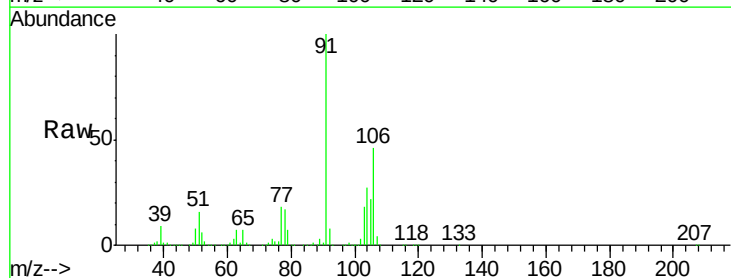
Acq: 11 Jul 2018 11:11

Tgt Ion:106 Resp: 1463182

Ion Ratio Lower Upper

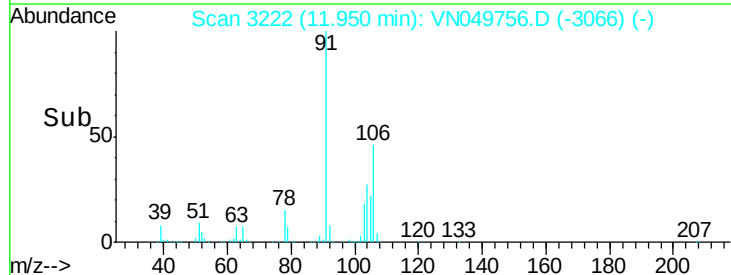
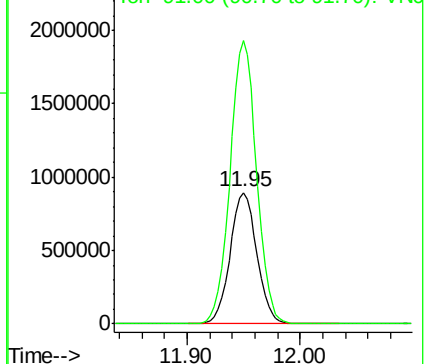
106 100

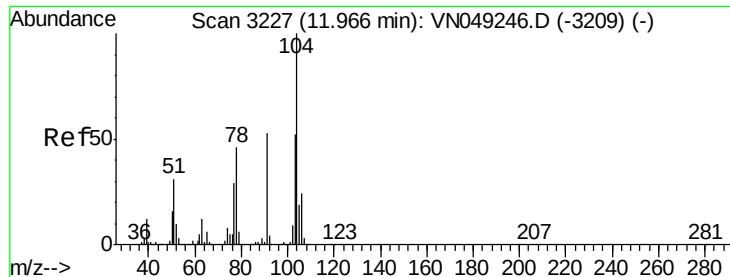
91 214.0 106.8 320.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

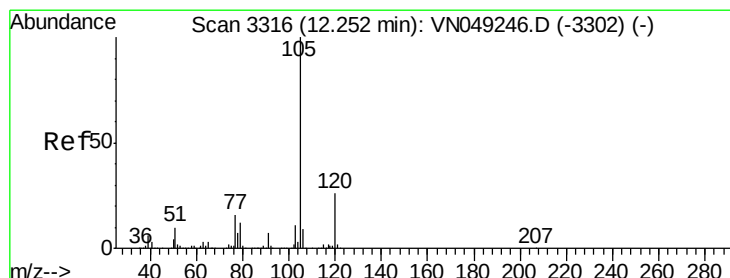
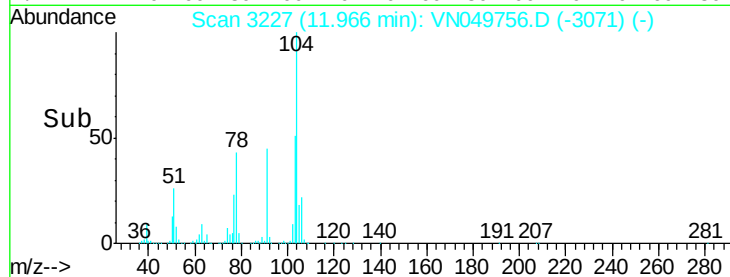
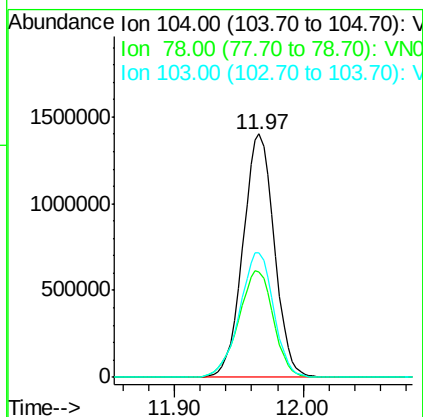
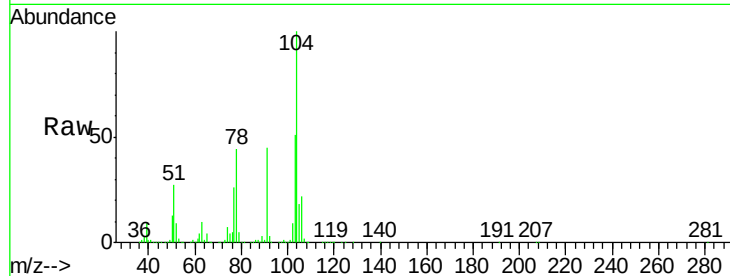




#69
Styrene
 Concen: 53.530 ug/l
 RT: 11.97 min Scan# 3227
 Delta R.T. 0.00 min
 Lab File: VN049756.D
 Acq: 11 Jul 2018 11:11

Tgt Ion:104 Resp: 2371646

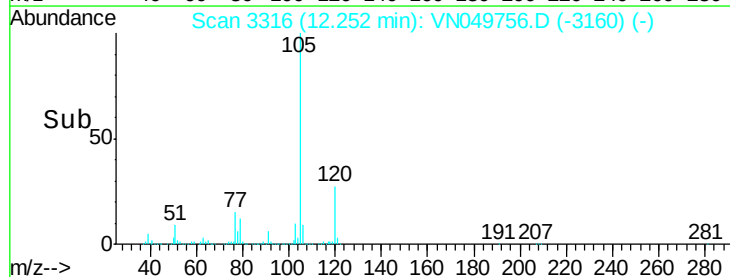
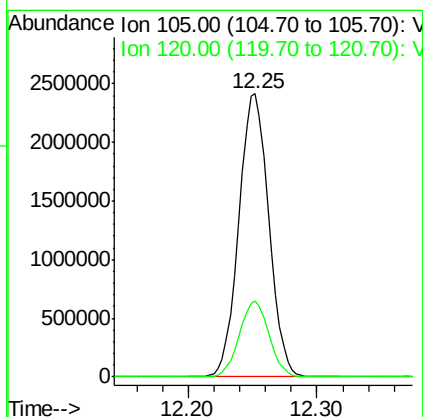
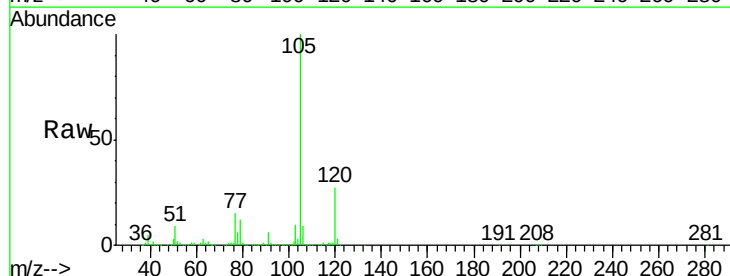
Ion	Ratio	Lower	Upper
104	100		
78	48.8	39.3	58.9
103	55.5	44.5	66.7

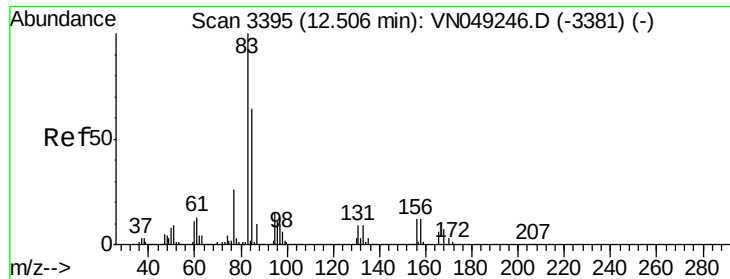


#70
Isopropylbenzene
 Concen: 52.953 ug/l
 RT: 12.25 min Scan# 3316
 Delta R.T. 0.00 min
 Lab File: VN049756.D
 Acq: 11 Jul 2018 11:11

Tgt Ion:105 Resp: 3899431

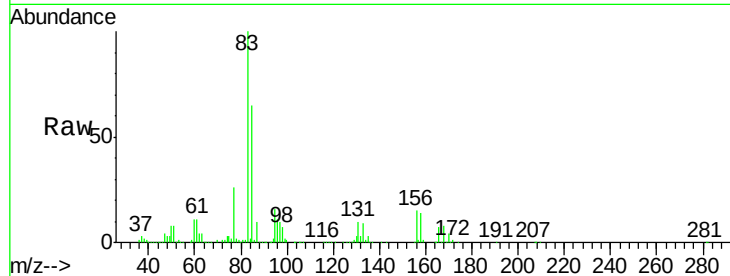
Ion	Ratio	Lower	Upper
105	100		
120	26.6	18.9	35.1



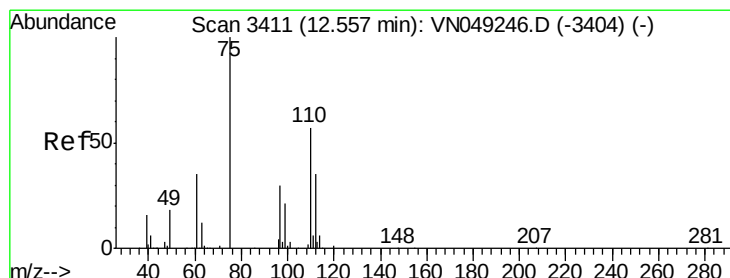
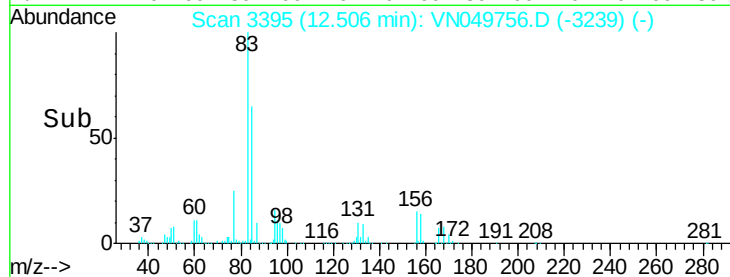
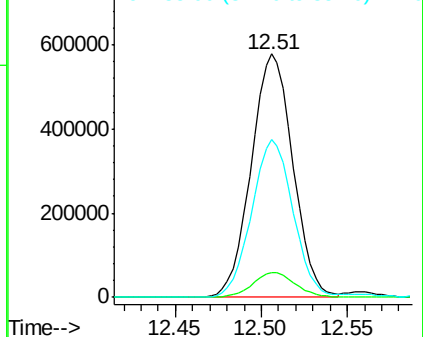


#71
 1,1,2,2-Tetrachloroethane
 Concen: 53.666 ug/l
 RT: 12.51 min Scan# 3395
 Delta R.T. 0.00 min
 Lab File: VN049756.D
 Acq: 11 Jul 2018 11:11

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.2	15.6
85	64.4	31.7	95.1

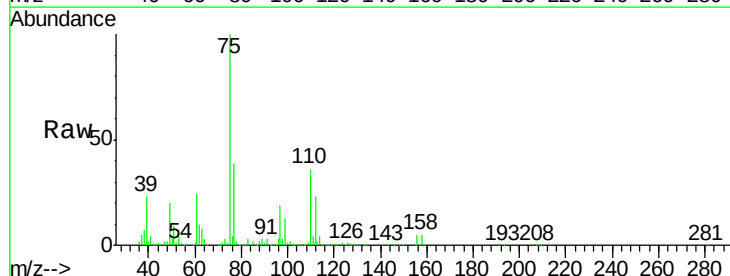


Abundance Ion 83.00 (82.70 to 83.70): VN049756.D (-3239) (-)
 Ion 131.00 (130.70 to 131.70): VN049756.D (-3239) (-)
 Ion 85.00 (84.70 to 85.70): VN049756.D (-3239) (-)

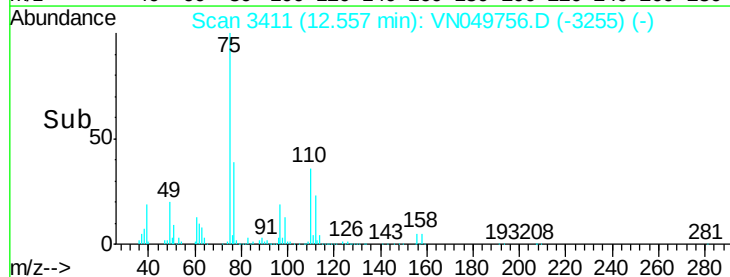
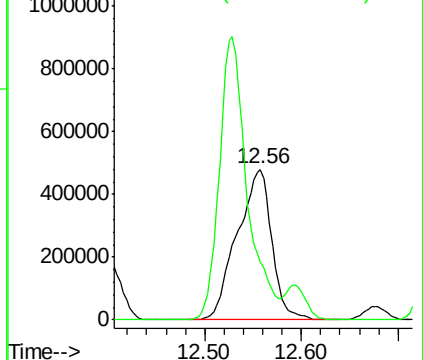


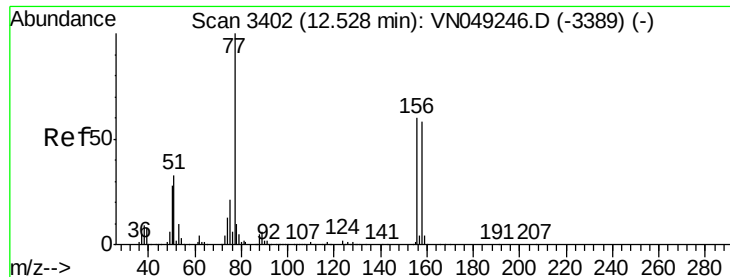
#72
 1,2,3-Trichloropropane
 Concen: 81.490 ug/l
 RT: 12.56 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN049756.D
 Acq: 11 Jul 2018 11:11

Tgt Ion	Ratio	Lower	Upper
75	100		
77	150.7	0.0	454.4



Abundance Ion 75.00 (74.70 to 75.70): VN049756.D (-3255) (-)
 Ion 77.00 (76.70 to 77.70): VN049756.D (-3255) (-)





#73

Bromobenzene

Concen: 56.112 ug/l

RT: 12.53 min Scan# 3402

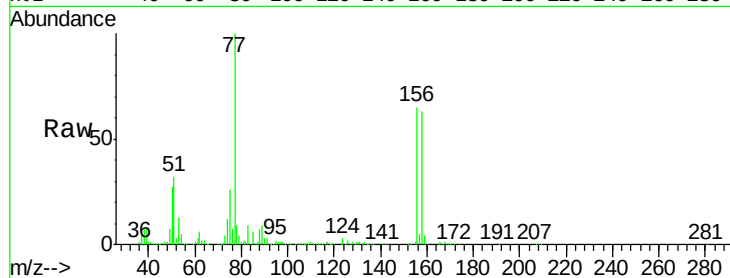
Delta R.T. 0.00 min

Lab File: VN049756.D

Acq: 11 Jul 2018 11:11

Tgt Ion: 156 Resp: 1005194

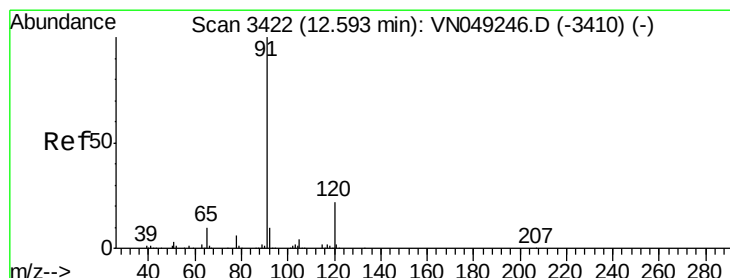
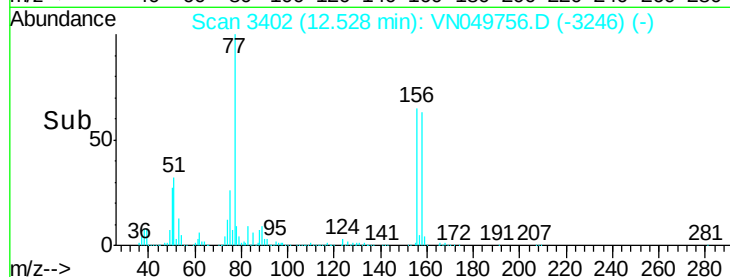
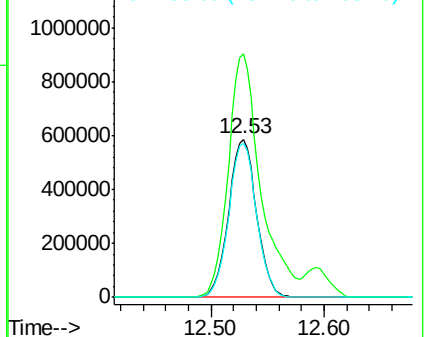
Ion	Ratio	Lower	Upper
156	100		
77	178.7	0.0	359.8
158	97.1	0.0	192.8



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 52.979 ug/l

RT: 12.59 min Scan# 3422

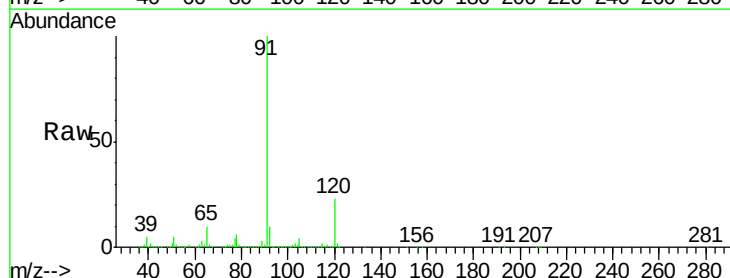
Delta R.T. 0.00 min

Lab File: VN049756.D

Acq: 11 Jul 2018 11:11

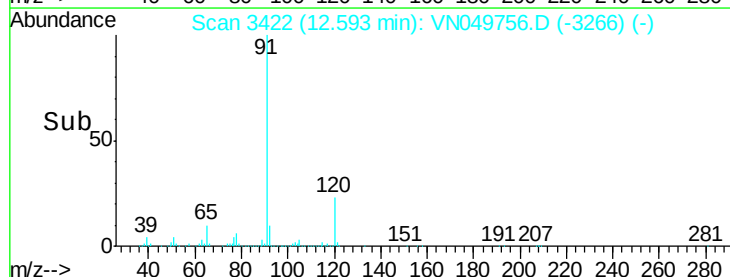
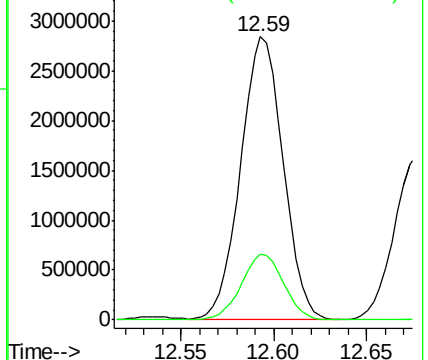
Tgt Ion: 91 Resp: 4517511

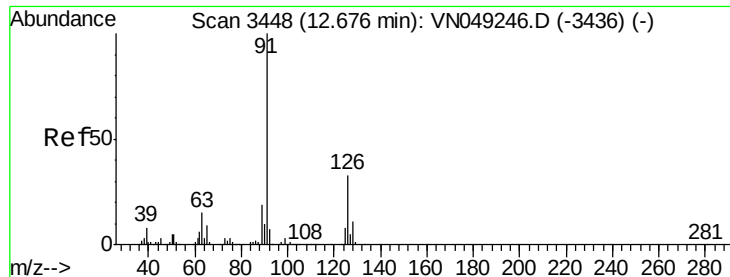
Ion	Ratio	Lower	Upper
91	100		
120	23.1	0.0	46.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 51.661 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049756.D

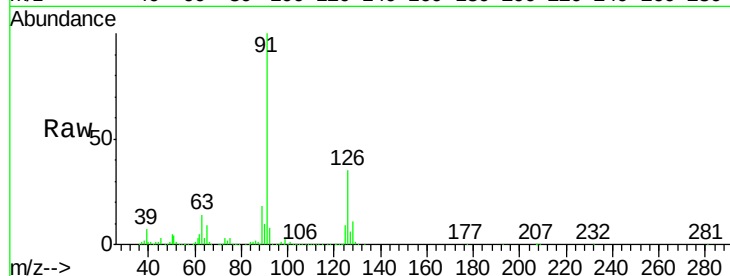
Acq: 11 Jul 2018 11:11

Tgt Ion: 91 Resp: 2682050

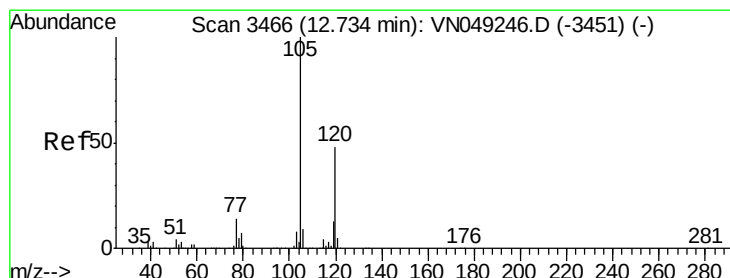
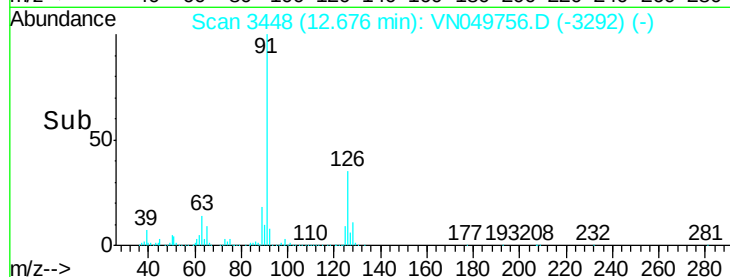
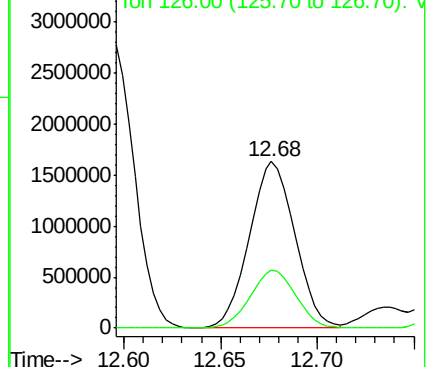
Ion Ratio Lower Upper

91 100

126 34.7 0.0 68.6



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



#76

1,3,5-Trimethylbenzene

Concen: 53.151 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049756.D

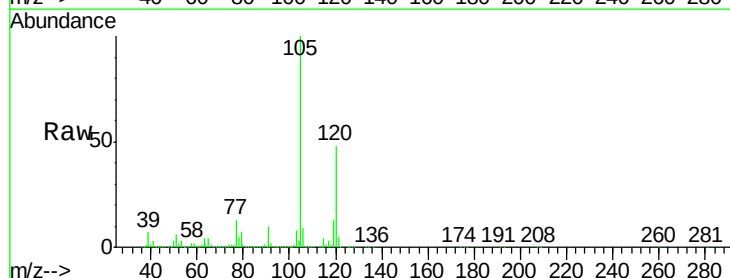
Acq: 11 Jul 2018 11:11

Tgt Ion: 105 Resp: 3179167

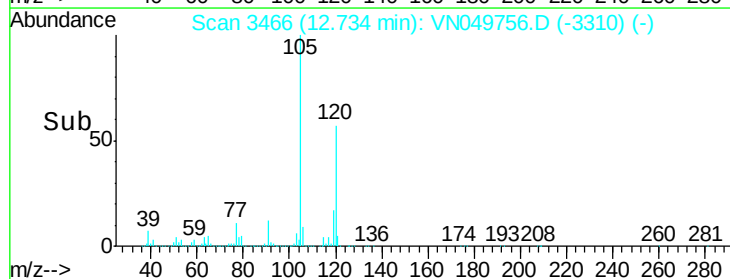
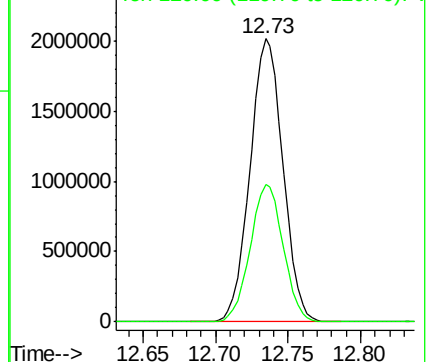
Ion Ratio Lower Upper

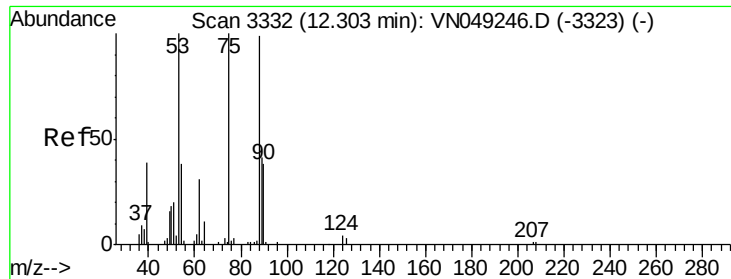
105 100

120 48.7 0.0 98.0



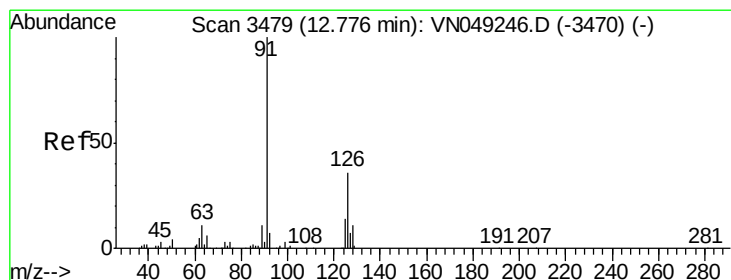
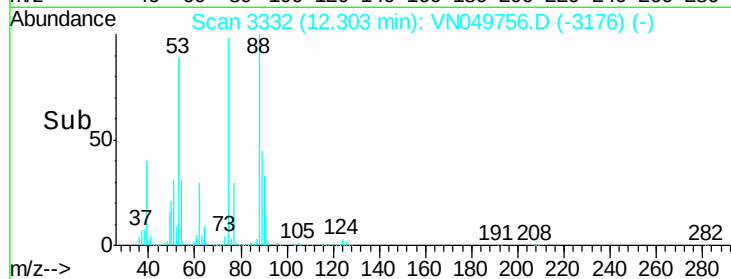
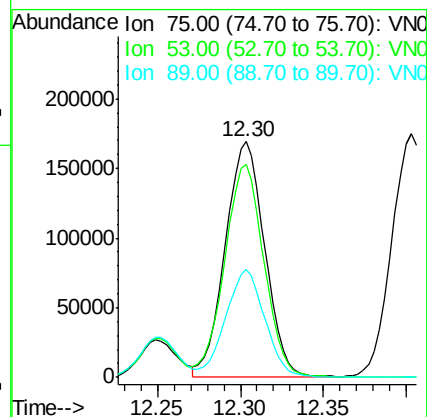
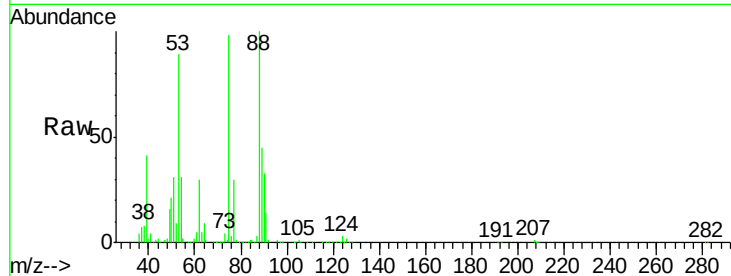
Abundance Ion 105.00 (104.70 to 105.70): VN049246.D (-3451) (-)





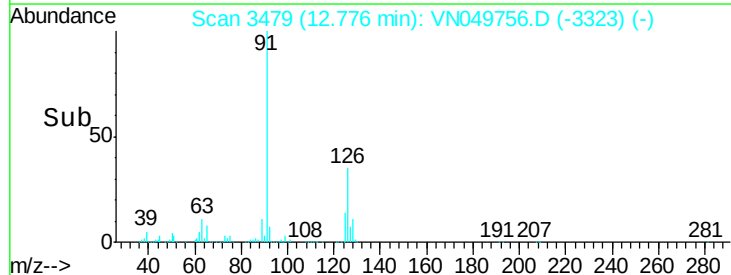
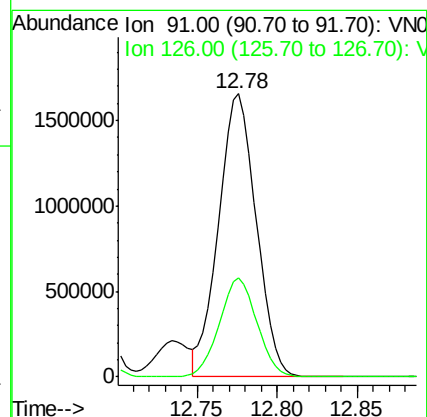
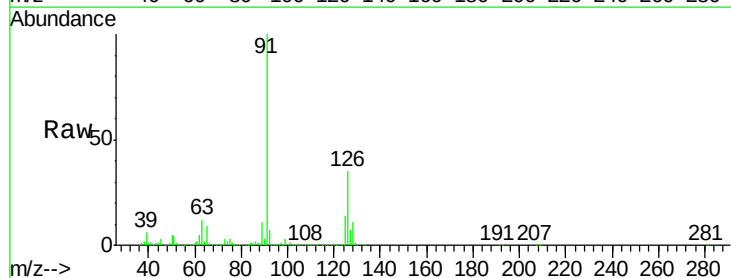
#77
t-1,4-Dichloro-2-butene
Concen: 59.184 ug/l
RT: 12.30 min Scan# 3332
Delta R.T. 0.00 min
Lab File: VN049756.D
Acq: 11 Jul 2018 11:11

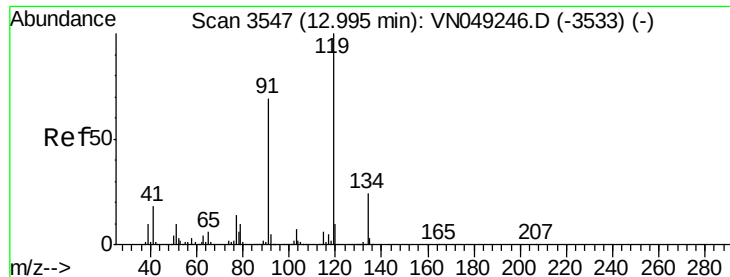
Tgt Ion: 75 Resp: 280721
Ion Ratio Lower Upper
75 100
53 90.3 44.6 134.0
89 45.8 20.7 62.1



#78
4-Chlorotoluene
Concen: 53.115 ug/l
RT: 12.78 min Scan# 3479
Delta R.T. 0.00 min
Lab File: VN049756.D
Acq: 11 Jul 2018 11:11

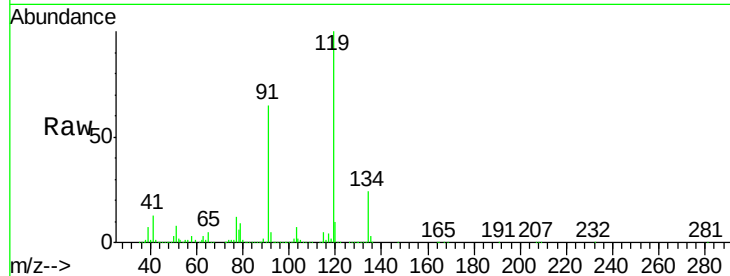
Tgt Ion: 91 Resp: 2685945
Ion Ratio Lower Upper
91 100
126 34.7 0.0 68.4



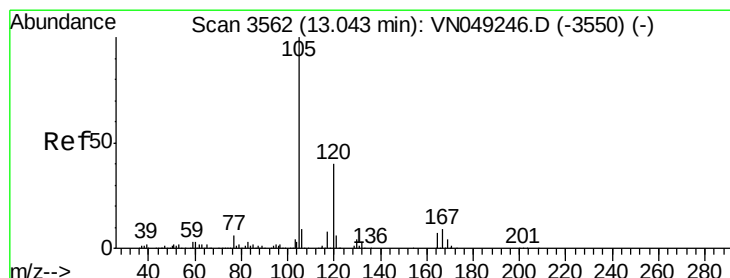
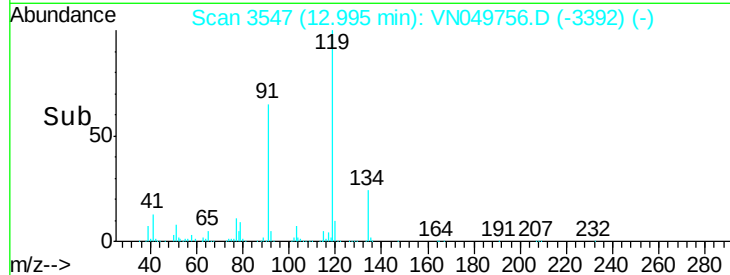
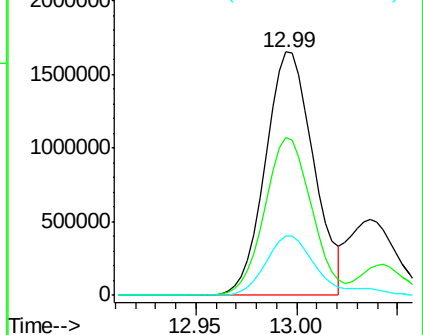


#79
tert-butylbenzene
Concen: 54.438 ug/l
RT: 12.99 min Scan# 3547
Delta R.T. -0.00 min
Lab File: VN049756.D
Acq: 11 Jul 2018 11:11

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

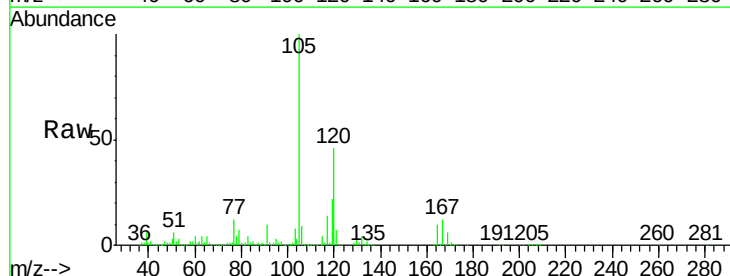


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

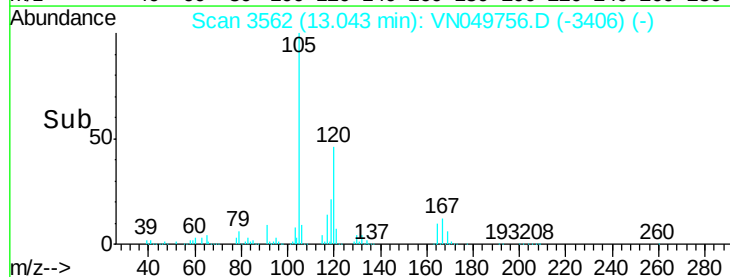
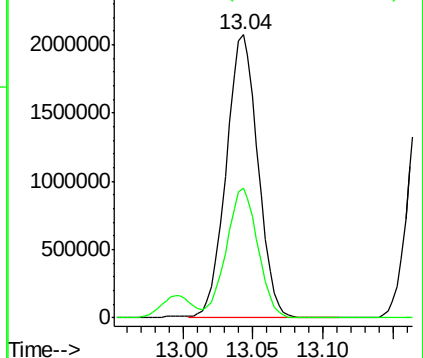


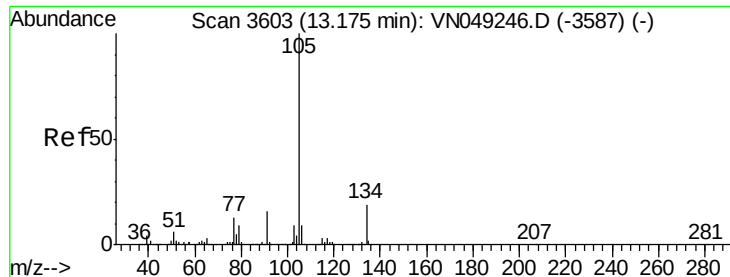
#80
1,2,4-Trimethylbenzene
Concen: 54.276 ug/l
RT: 13.04 min Scan# 3562
Delta R.T. 0.00 min
Lab File: VN049756.D
Acq: 11 Jul 2018 11:11

Tgt Ion:105 Resp: 3251229
Ion Ratio Lower Upper
105 100
120 45.6 0.0 90.6



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





#81

sec-Butylbenzene

Concen: 53.774 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049756.D

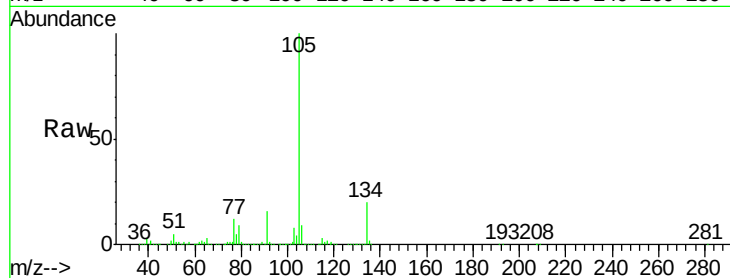
Acq: 11 Jul 2018 11:11

Tgt Ion:105 Resp: 3679139

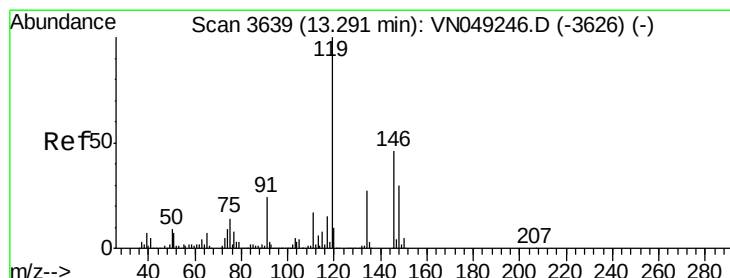
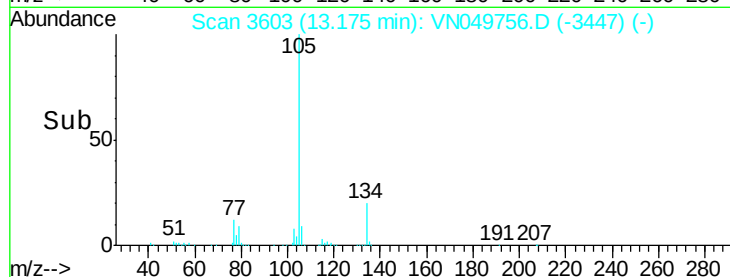
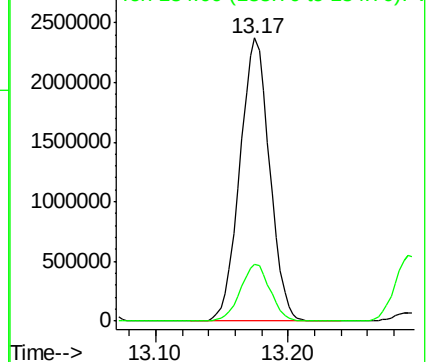
Ion Ratio Lower Upper

105 100

134 20.1 0.0 40.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 56.387 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN049756.D

Acq: 11 Jul 2018 11:11

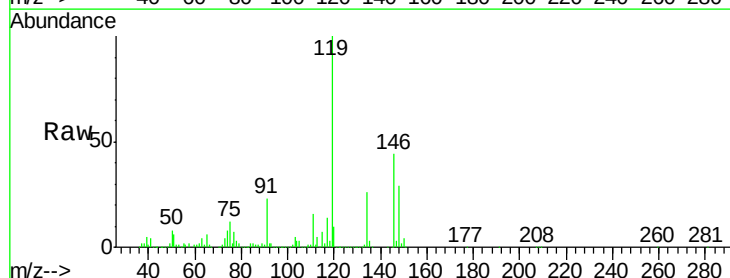
Tgt Ion:119 Resp: 3222227

Ion Ratio Lower Upper

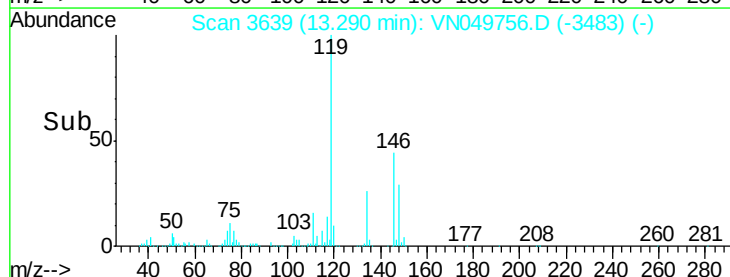
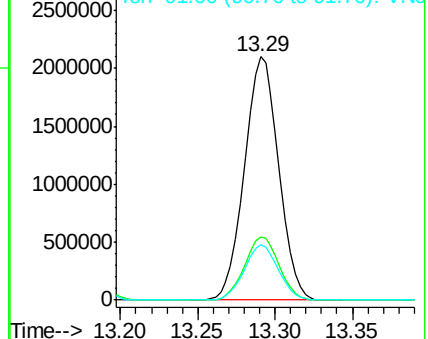
119 100

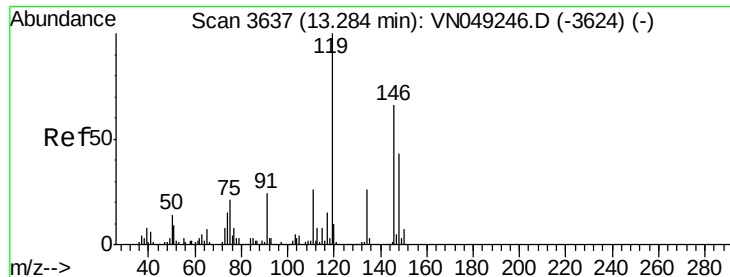
134 26.2 0.0 52.2

91 22.7 0.0 45.6



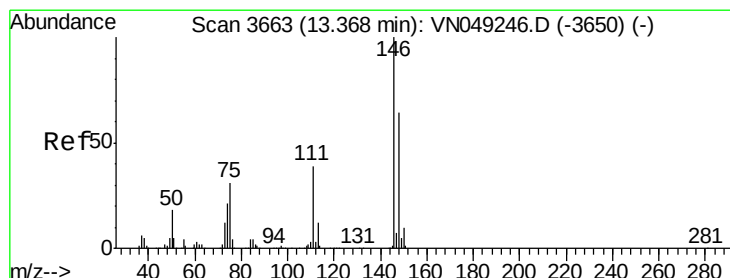
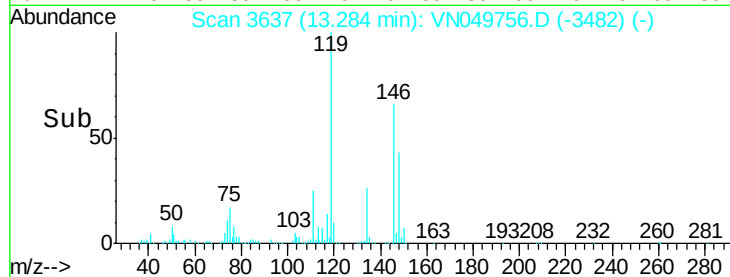
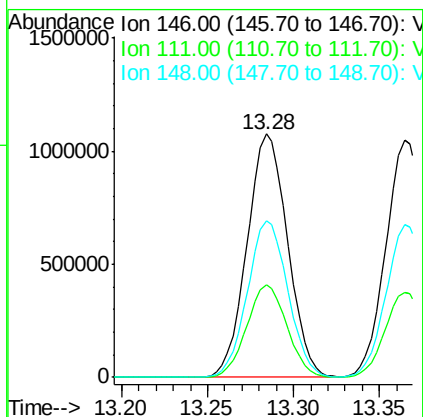
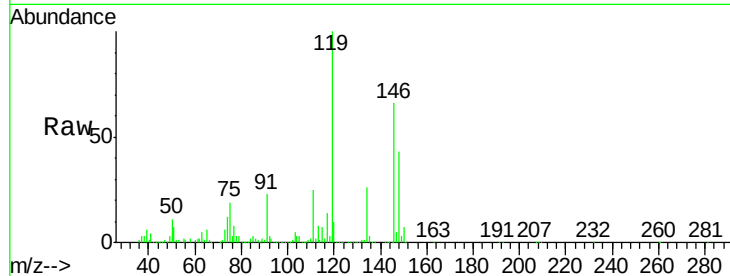
Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V





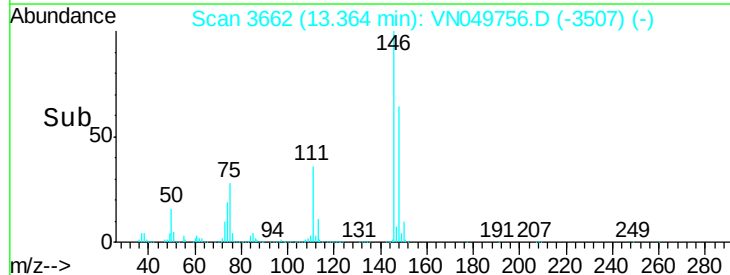
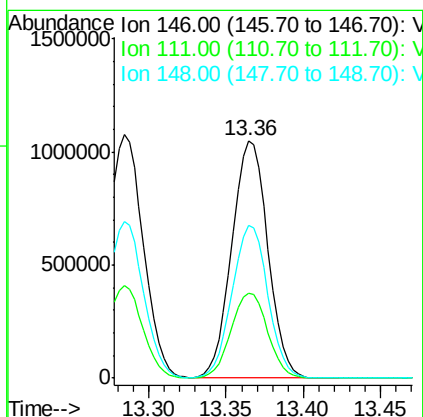
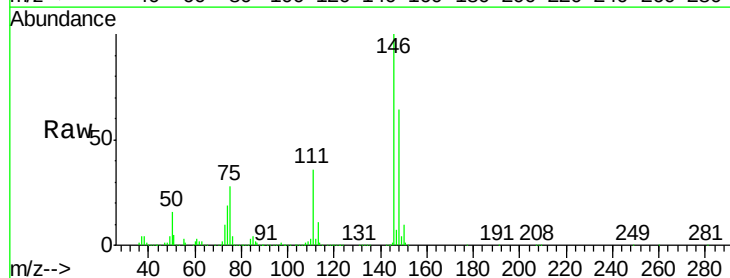
#83
 1,3-Dichlorobenzene
 Concen: 57.828 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. -0.00 min
 Lab File: VN049756.D
 Acq: 11 Jul 2018 11:11

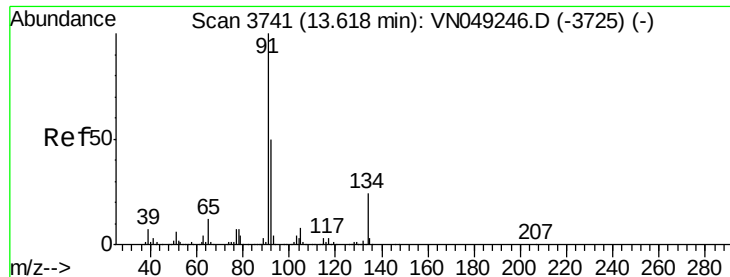
Tgt Ion:146 Resp: 1758952
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.1 57.1
 148 64.3 31.9 95.9



#84
 1,4-Dichlorobenzene
 Concen: 59.200 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. -0.00 min
 Lab File: VN049756.D
 Acq: 11 Jul 2018 11:11

Tgt Ion:146 Resp: 1698454
 Ion Ratio Lower Upper
 146 100
 111 36.4 17.9 53.8
 148 64.0 32.4 97.0





#85

n-Butylbenzene

Concen: 58.094 ug/l

RT: 13.62 min Scan# 3741

Delta R.T. 0.00 min

Lab File: VN049756.D

Acq: 11 Jul 2018 11:11

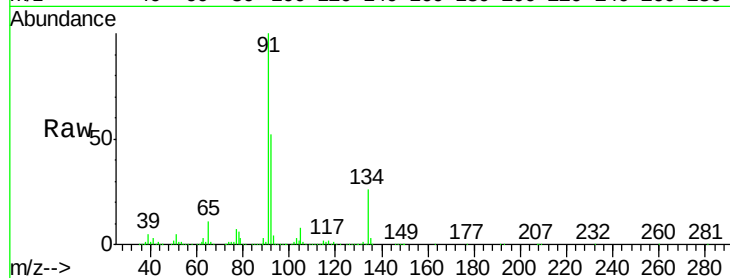
Tgt Ion: 91 Resp: 2647254

Ion Ratio Lower Upper

91 100

92 52.0 0.0 102.8

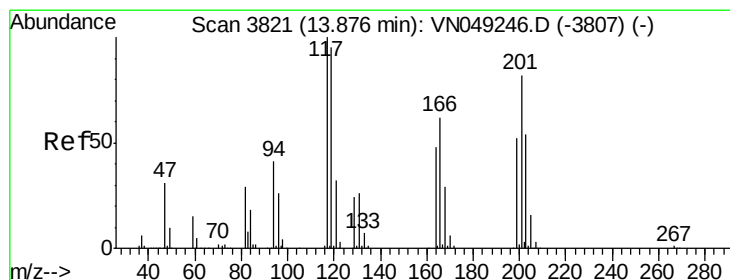
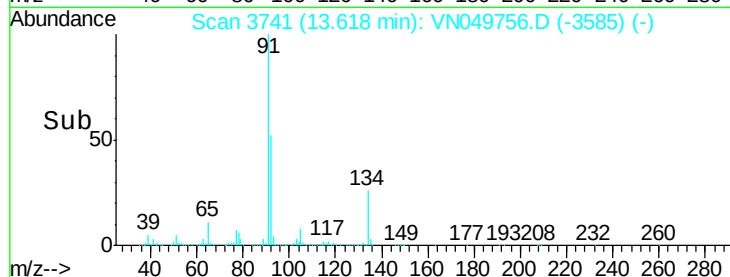
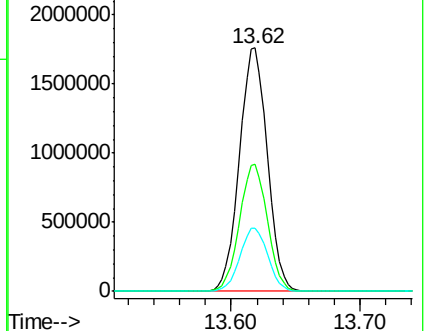
134 26.0 0.0 51.0



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: 50.215 ug/l

RT: 13.88 min Scan# 3821

Delta R.T. 0.00 min

Lab File: VN049756.D

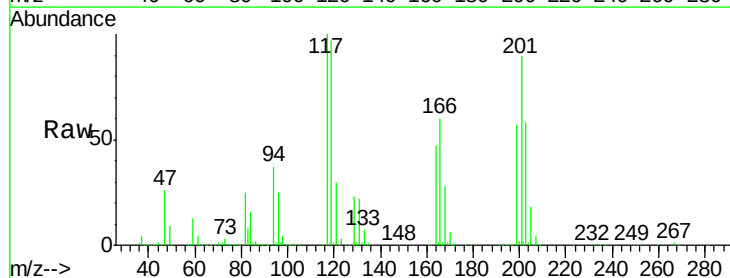
Acq: 11 Jul 2018 11:11

Tgt Ion: 117 Resp: 585680

Ion Ratio Lower Upper

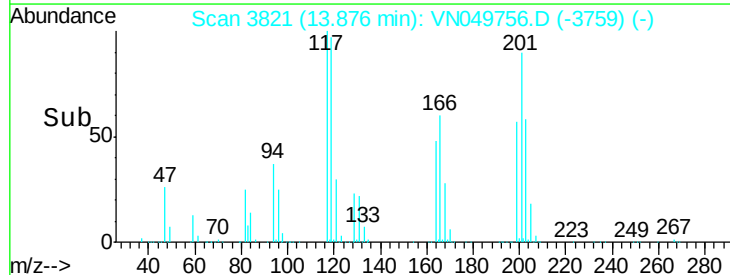
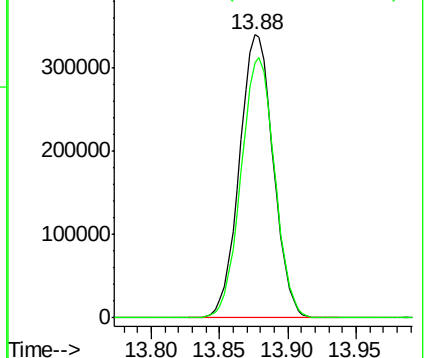
117 100

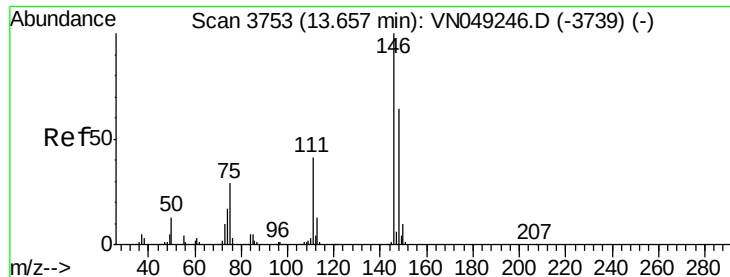
201 91.4 46.6 139.7



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

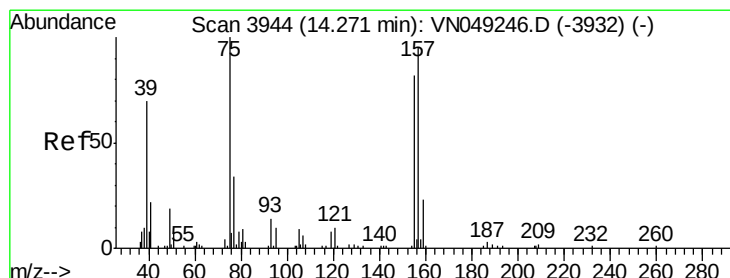
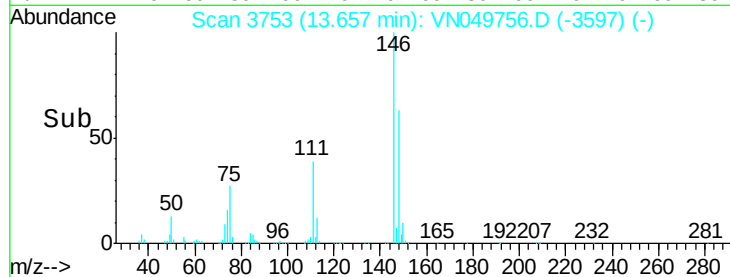
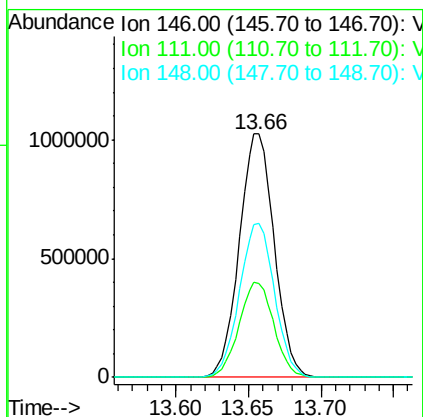
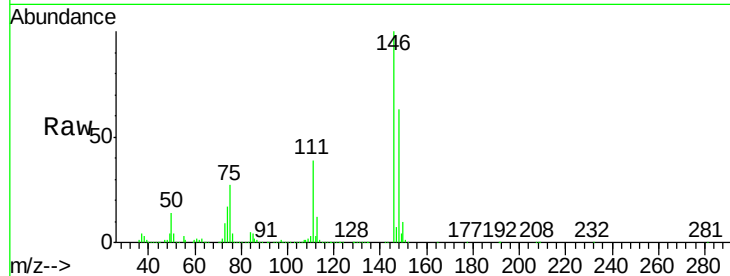
Ion 201.00 (200.70 to 201.70): VN049246.D (-3807) (-)





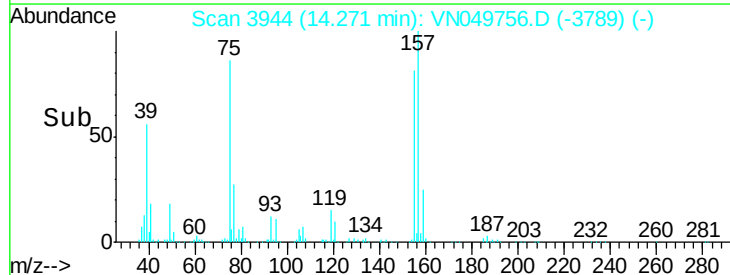
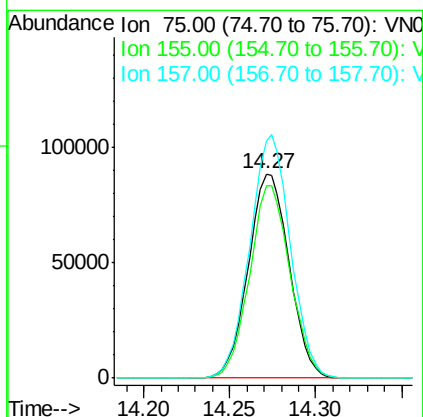
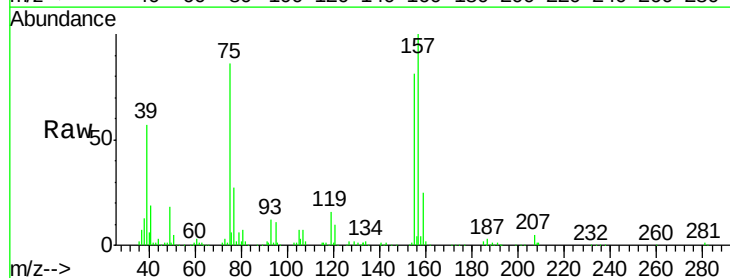
#87
 1,2-Dichlorobenzene
 Concen: 58.286 ug/l
 RT: 13.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VN049756.D
 Acq: 11 Jul 2018 11:11

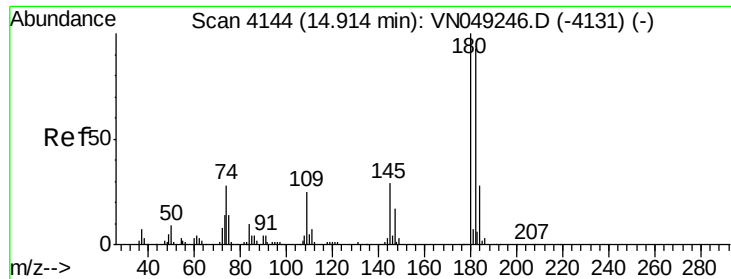
Tgt Ion: 146 Resp: 1717549
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.8 59.3
 148 63.4 31.8 95.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 55.431 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. -0.00 min
 Lab File: VN049756.D
 Acq: 11 Jul 2018 11:11

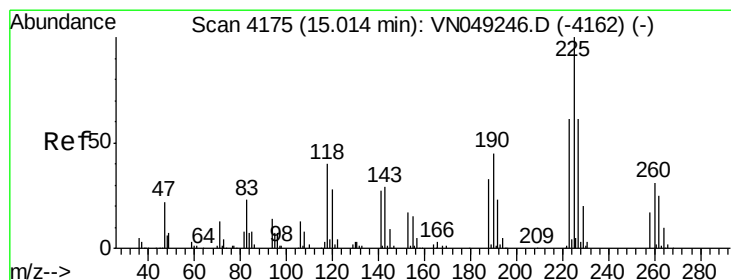
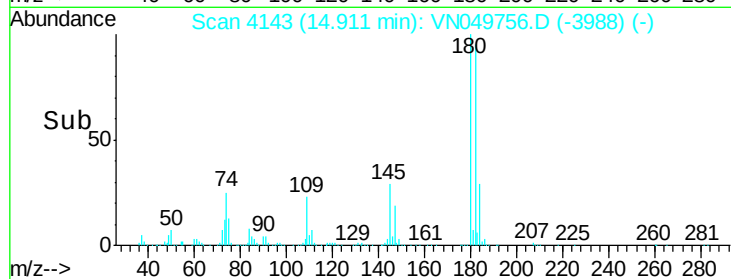
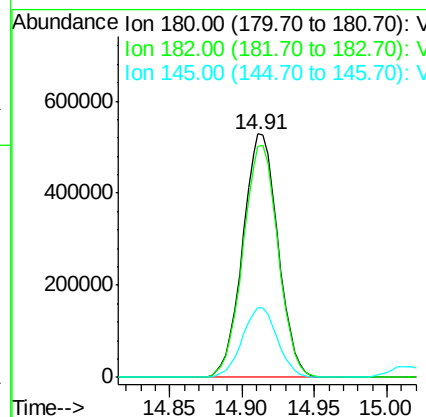
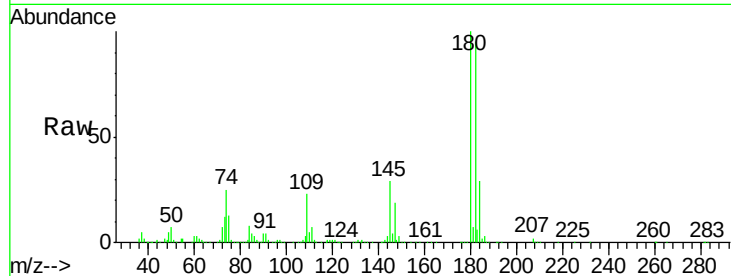
Tgt Ion: 75 Resp: 145253
 Ion Ratio Lower Upper
 75 100
 155 93.5 73.0 109.6
 157 118.5 94.9 142.3





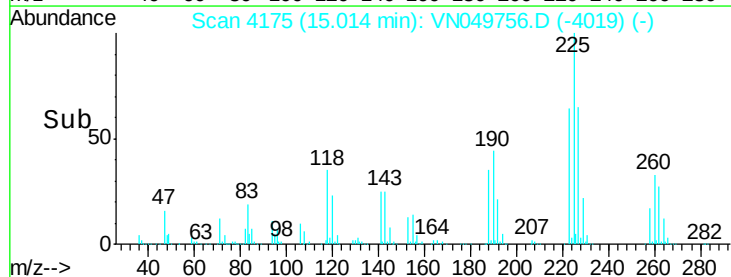
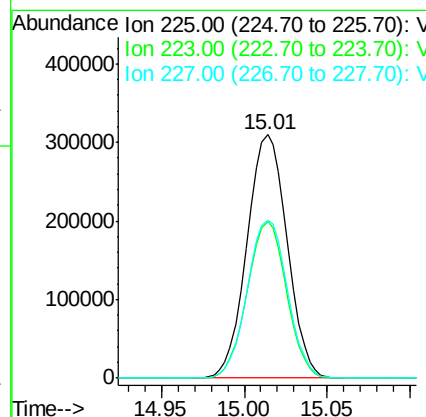
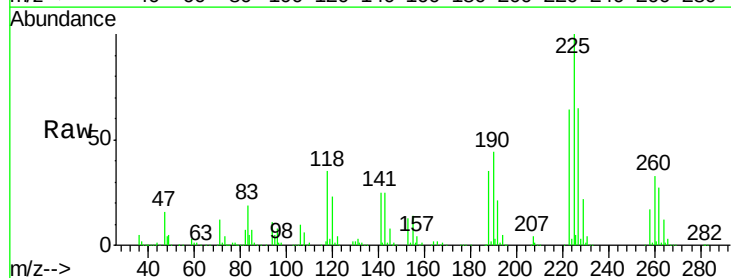
#89
 1,2,4-Trichlorobenzene
 Concen: 71.190 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN049756.D
 Acq: 11 Jul 2018 11:11

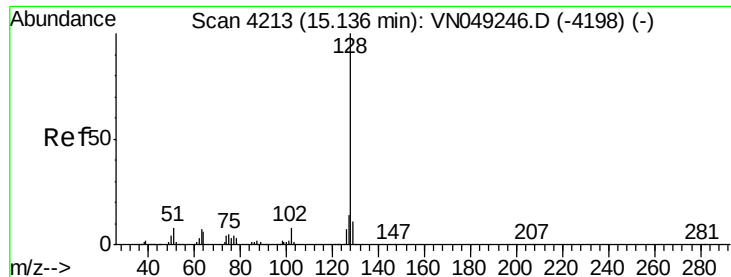
Tgt Ion:180 Resp: 891208
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.7 115.1
 145 28.6 23.4 35.0



#90
 Hexachlorobutadiene
 Concen: 60.691 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049756.D
 Acq: 11 Jul 2018 11:11

Tgt Ion:225 Resp: 522552
 Ion Ratio Lower Upper
 225 100
 223 63.1 0.0 124.4
 227 65.1 0.0 133.0

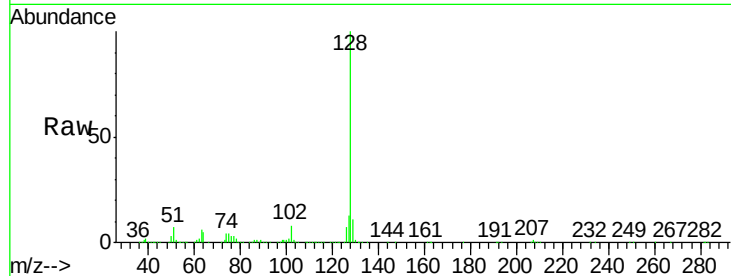




#91
Naphthalene
Concen: 72.565 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049756.D
Acq: 11 Jul 2018 11:11

Tgt Ion:128 Resp: 1980623

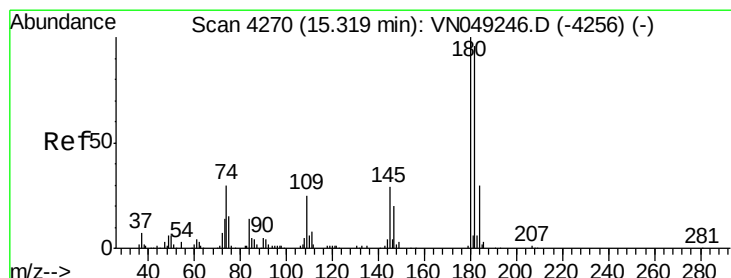
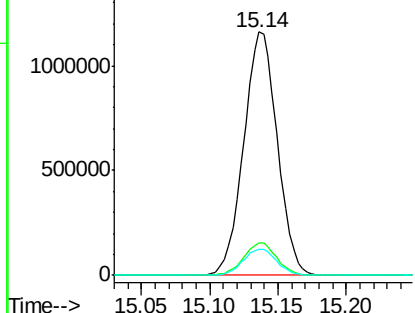
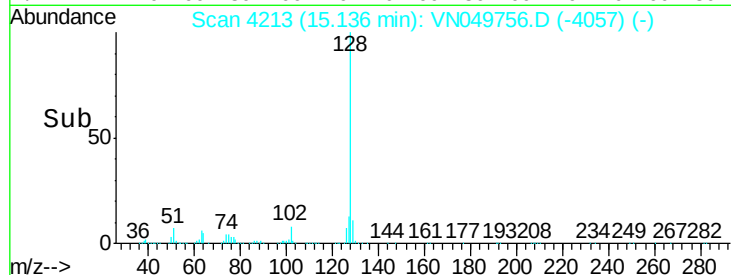
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	10.9	9.0	13.4



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

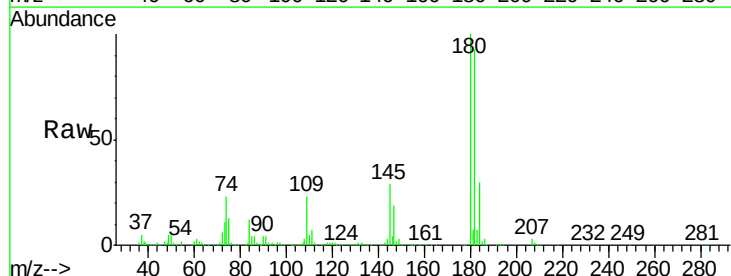
Ion 129.00 (128.70 to 129.70): V



#92
1,2,3-Trichlorobenzene
Concen: 68.040 ug/l
RT: 15.32 min Scan# 4270
Delta R.T. 0.00 min
Lab File: VN049756.D
Acq: 11 Jul 2018 11:11

Tgt Ion:180 Resp: 879027

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



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

