

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071118\
 Data File : VN049755.D
 Acq On : 11 Jul 2018 10:46
 Operator : MD\SY
 Sample : VSTDICCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 12 01:41:31 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	262099	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	1396865	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	1232599	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	539579	28.30	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	94.33%
60) 4-Bromofluorobenzene	12.40	95	552116	28.53	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	95.10%
63) Toluene-d8	10.09	98	1757815	29.73	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.10%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.85	85	410359	24.80	ug/l 100
3) Chloromethane	2.06	50	404960	24.21	ug/l 100
4) Vinyl Chloride	2.18	62	428219	25.08	ug/l 100
5) Bromomethane	2.57	94	245750	26.75	ug/l 100
6) Chloroethane	2.70	64	249839	23.04	ug/l 100
7) Trichlorofluoromethane	3.01	101	544629	23.07	ug/l 100
8) Diethyl Ether	3.41	74	183007	19.97	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.75	101	323405	20.52	ug/l 100
10) 1,1-Dichloroethene	3.73	96	294864	20.12	ug/l 100
11) Methyl Iodide	3.95	142	422657	24.55	ug/l 100
12) Methyl Acetate	4.33	43	290659	19.68	ug/l 100
13) Acrolein	3.61	56	132919	90.81	ug/l 100
14) Acrylonitrile	4.99	53	490665	88.41	ug/l 100
15) Acetone	3.82	58	132327	106.01	ug/l 100
16) Carbon Disulfide	4.05	76	899971	19.18	ug/l 100
17) Allyl chloride	4.33	41	446569	17.00	ug/l 100
18) Methylene Chloride	4.55	84	345400	19.95	ug/l 100
19) trans-1,2-Dichloroethene	5.04	96	305292	19.66	ug/l 100
20) Diisopropyl ether	5.96	45	925108	17.09	ug/l 100
21) 1,1-Dichloroethane	5.85	63	580100	18.44	ug/l 100
22) cis-1,2-Dichloroethene	6.83	96	341920	19.44	ug/l 100
23) tert-Butyl Alcohol	4.81	59	105093	100.66	ug/l 100
24) Methyl tert-Butyl Ether	5.05	73	770953	19.16	ug/l 100
25) Chloroform	7.37	83	585383	19.07	ug/l 100
26) Cyclohexane	7.65	56	472305	17.59	ug/l 100
29) 1,1-Dichloropropene	7.79	75	433774	19.05	ug/l 100
30) 2-Butanone	6.85	43	603782	97.10	ug/l 100
31) 2,2-Dichloropropane	6.83	77	475625	21.86	ug/l 100
32) 1,1,1-Trichloroethane	7.57	97	507793	19.76	ug/l 100
33) Carbon Tetrachloride	7.78	117	446836	19.81	ug/l 100
34) Benzene	8.04	78	1326129	19.20	ug/l 100
35) Methacrylonitrile	7.18	41	120864	15.51	ug/l 100
36) 1,2-Dichloroethane	8.13	62	413415	18.72	ug/l 100
37) Trichloroethene	8.84	130	340360	20.10	ug/l 100
38) Methylcyclohexane	9.08	83	445279	18.90	ug/l 100
39) 1,2-Dichloropropane	9.12	63	339343	18.07	ug/l 100
40) Dibromomethane	9.21	93	205617	19.56	ug/l 100

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 12 01:30:30 2018
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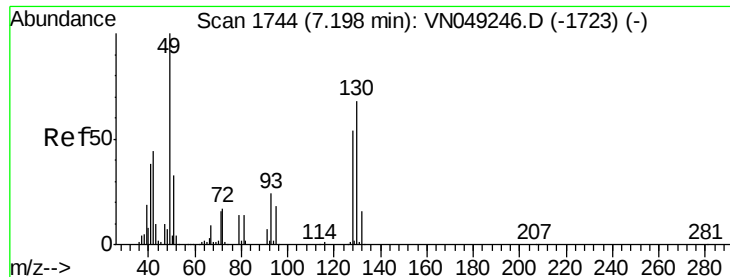
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.41	83	436828	18.81	ug/l	100
42) Vinyl Acetate	5.90	43	3146822	87.43	ug/l	100
43) Ethyl Acetate	6.94	43	234480	16.69	ug/l	100
44) Isopropyl Acetate	8.17	43	468829	17.47	ug/l	100
45) 1,4-Dioxane	9.21	88	63219	413.88	ug/l	100
46) Methyl methacrylate	9.20	41	228996	18.03	ug/l	100
47) n-amyl Acetate	12.07	43	368908	17.29	ug/l	100
48) t-1,3-Dichloropropene	10.38	75	421896	18.60	ug/l	100
49) cis-1,3-Dichloropropene	9.84	75	498211	18.89	ug/l	100
50) 1,1,2-Trichloroethane	10.56	97	299478	19.94	ug/l	100
51) Ethyl methacrylate	10.43	69	340517	18.24	ug/l	100
52) 1,3-Dichloropropane	10.71	76	483844	18.96	ug/l	100
53) Dibromochloromethane	10.90	129	330212	19.77	ug/l	100
54) 1,2-Dibromoethane	11.01	107	278998	19.91	ug/l	100
55) 2-Chloroethyl vinyl ether	9.70	63	844487	128.31	ug/l	100
56) Bromoform	12.13	173	221030	20.56	ug/l	100
58) 4-Methyl-2-Pentanone	9.99	43	1325805	95.24	ug/l	100
59) 2-Hexanone	10.75	43	870734	98.82	ug/l	100
61) Tetrachloroethene	10.63	164	308460	19.15	ug/l	100
62) Toluene	10.16	91	1391141	19.47	ug/l	100
64) Chlorobenzene	11.44	112	836770	19.83	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.51	131	320522	20.19	ug/l	100
66) Ethyl Benzene	11.51	91	1412677	19.05	ug/l	100
67) m/p-Xylenes	11.62	106	1102411	39.68	ug/l	100
68) o-Xylene	11.95	106	522138	19.39	ug/l	100
69) Styrene	11.97	104	828470	19.30	ug/l	100
70) Isopropylbenzene	12.25	105	1385555	19.42	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.51	83	366826	20.95	ug/l	100
72) 1,2,3-Trichloropropane	12.56	75	285820m	20.17	ug/l	100
73) Bromobenzene	12.53	156	360933	20.80	ug/l	100
74) n-propylbenzene	12.59	91	1577017	19.09	ug/l	100
75) 2-Chlorotoluene	12.68	91	970397	19.29	ug/l	100
76) 1,3,5-Trimethylbenzene	12.73	105	1120969	19.35	ug/l	100
77) t-1,4-Dichloro-2-butene	12.30	75	92825	20.20	ug/l	100
78) 4-Chlorotoluene	12.78	91	942983	19.25	ug/l	100
79) tert-butylbenzene	13.00	119	977895	20.06	ug/l	100
80) 1,2,4-Trimethylbenzene	13.04	105	1143306	19.70	ug/l	100
81) sec-Butylbenzene	13.17	105	1291382	19.48	ug/l	100
82) p-Isopropyltoluene	13.29	119	1115240	20.15	ug/l	100
83) 1,3-Dichlorobenzene	13.29	146	607995	20.63	ug/l	100
84) 1,4-Dichlorobenzene	13.37	146	571716	20.57	ug/l	100
85) n-Butylbenzene	13.62	91	849588	19.25	ug/l	100
86) Hexachloroethane	13.88	117	207971	18.41	ug/l	100
87) 1,2-Dichlorobenzene	13.66	146	595389	20.86	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	14.27	75	50564	19.92	ug/l	100
89) 1,2,4-Trichlorobenzene	14.91	180	271670	22.40	ug/l	100
90) Hexachlorobutadiene	15.01	225	185222	22.21	ug/l	100
91) Naphthalene	15.14	128	566515	21.43	ug/l	100
92) 1,2,3-Trichlorobenzene	15.32	180	290098	23.18	ug/l	100

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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



#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VN049755.D

Acq: 11 Jul 2018 10:46

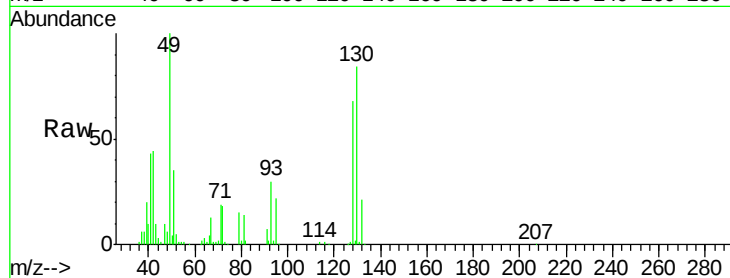
Tot Ion:128 Resp: 262099

Ion Ratio Lower Upper

128 100

49 151.3 0.0 378.3

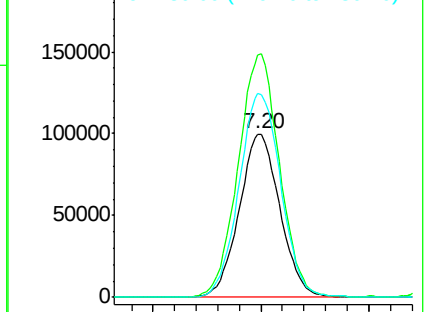
130 128.3 0.0 320.7



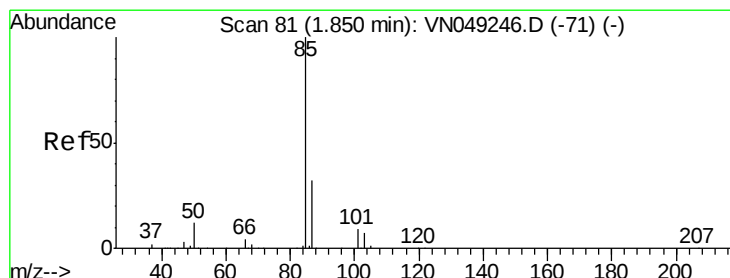
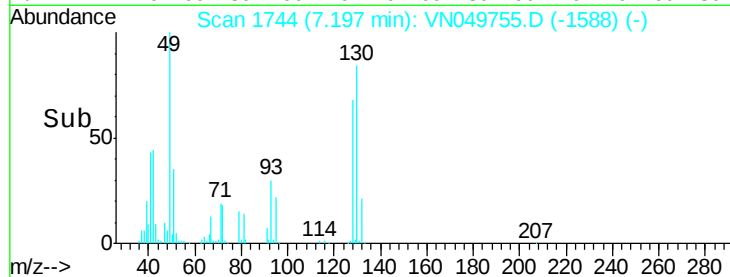
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): V

Ion 130.00 (129.70 to 130.70): V



Time-->



#2

Dichlorodifluoromethane

Concen: 24.80 ug/l

RT: 1.85 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN049755.D

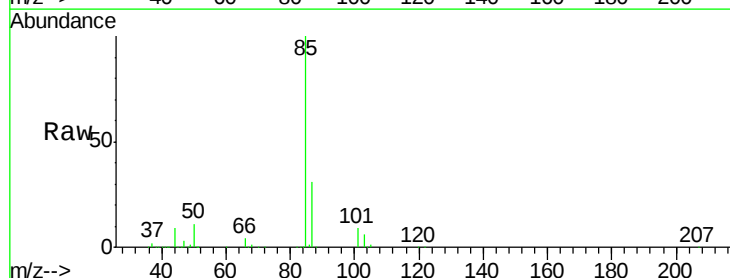
Acq: 11 Jul 2018 10:46

Tgt Ion: 85 Resp: 410359

Ion Ratio Lower Upper

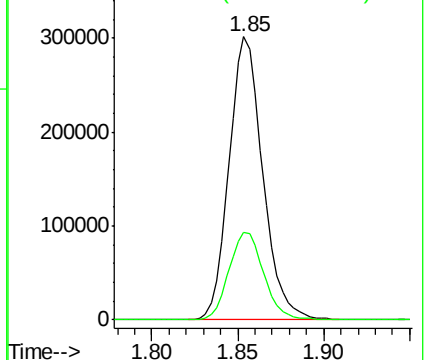
85 100

87 30.9 15.4 46.4

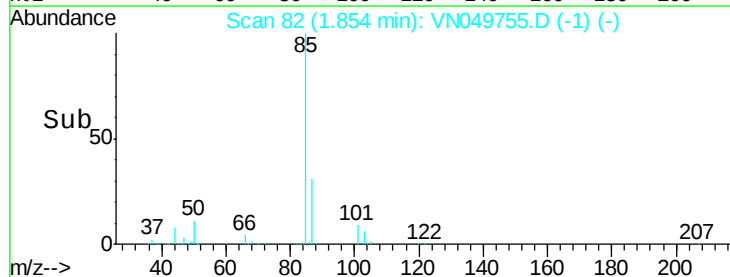


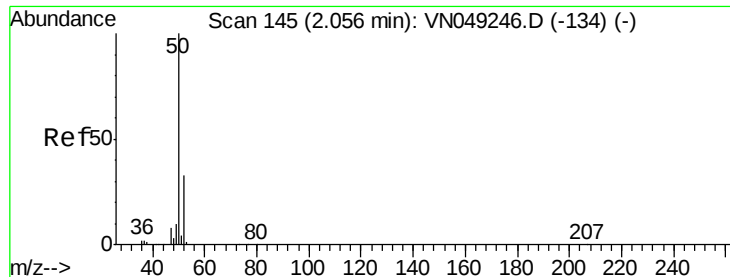
Abundance Ion 85.00 (84.70 to 85.70): V

Ion 87.00 (86.70 to 87.70): V



Time-->





#3

Chloromethane

Concen: 24.21 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN049755.D

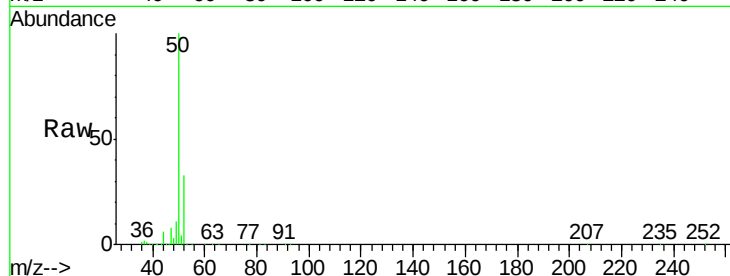
Acq: 11 Jul 2018 10:46

Tot Ion: 50 Resp: 404960

Ion Ratio Lower Upper

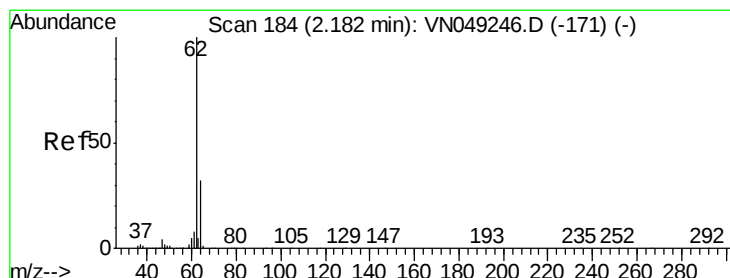
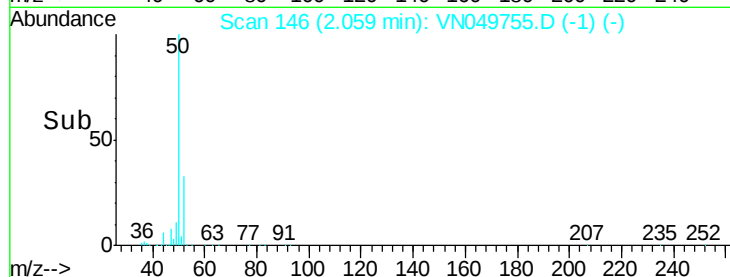
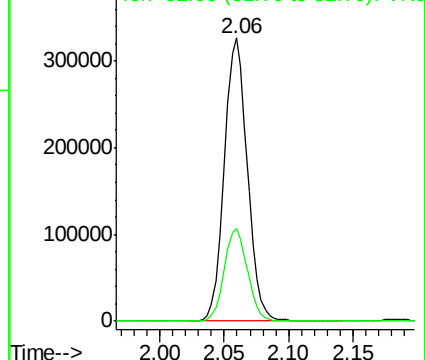
50 100

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: 25.08 ug/l

RT: 2.18 min Scan# 185

Delta R.T. 0.00 min

Lab File: VN049755.D

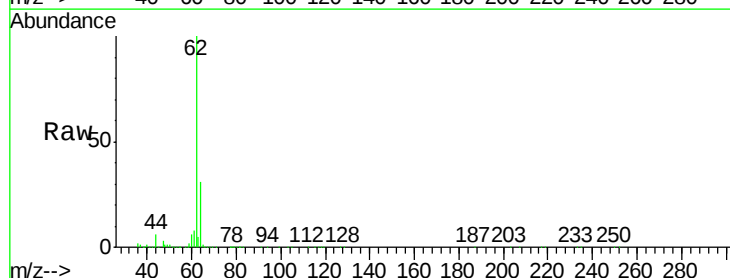
Acq: 11 Jul 2018 10:46

Tgt Ion: 62 Resp: 428219

Ion Ratio Lower Upper

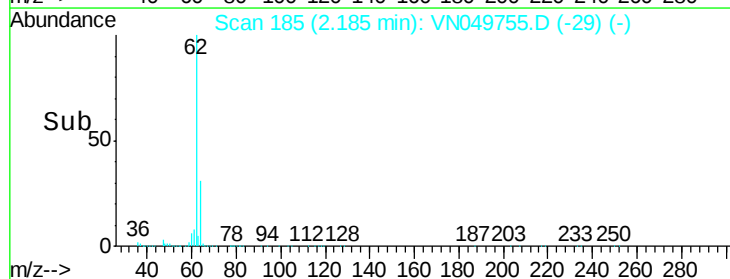
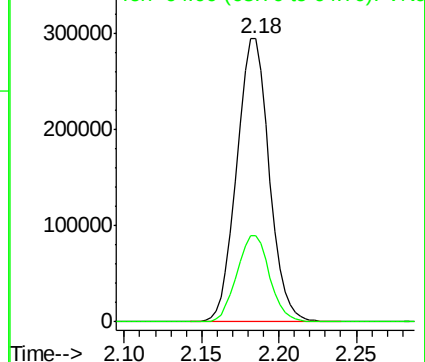
62 100

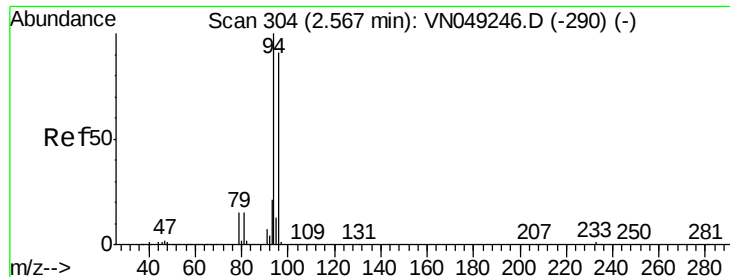
64 30.5 24.4 36.6



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0





#5

Bromomethane

Concen: 26.75 ug/l

RT: 2.57 min Scan# 304

Delta R.T. 0.00 min

Lab File: VN049755.D

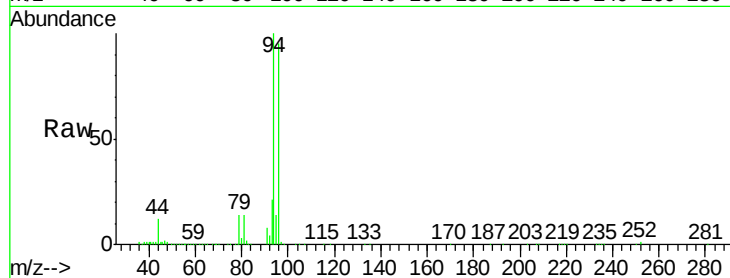
Acq: 11 Jul 2018 10:46

Tot Ion: 94 Resp: 245750

Ion Ratio Lower Upper

94 100

96 94.9 75.9 113.9



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0

150000

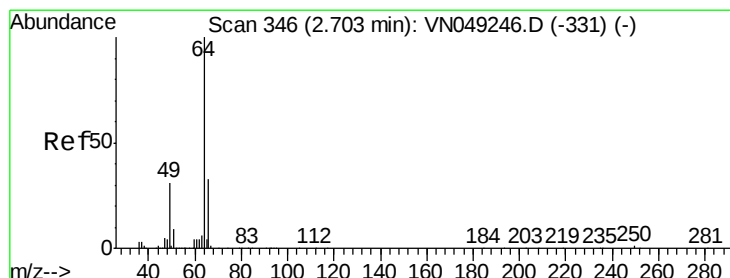
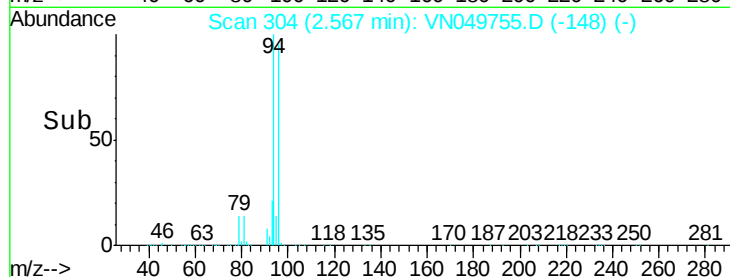
2.57

100000

50000

0

Time-->



#6

Chloroethane

Concen: 23.04 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN049755.D

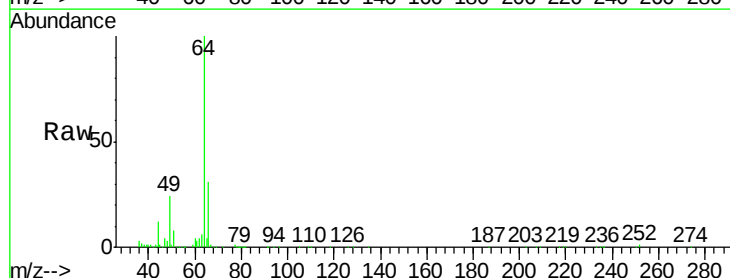
Acq: 11 Jul 2018 10:46

Tgt Ion: 64 Resp: 249839

Ion Ratio Lower Upper

64 100

66 31.2 25.0 37.4



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0

150000

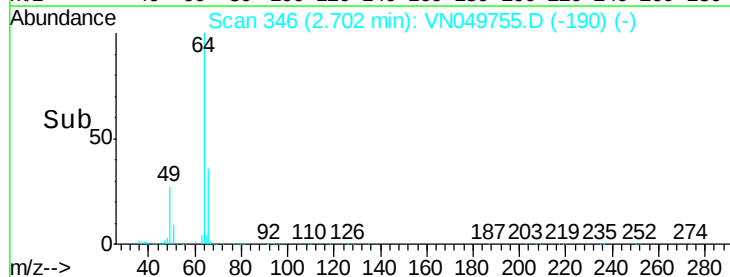
2.70

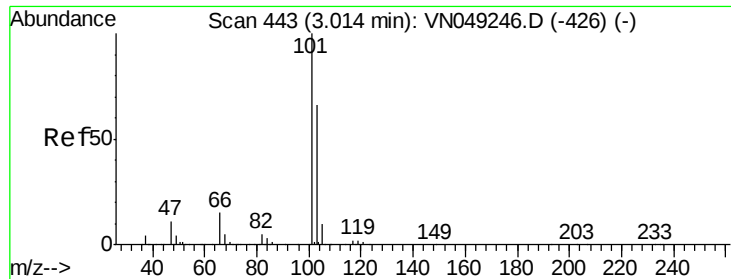
100000

50000

0

Time-->

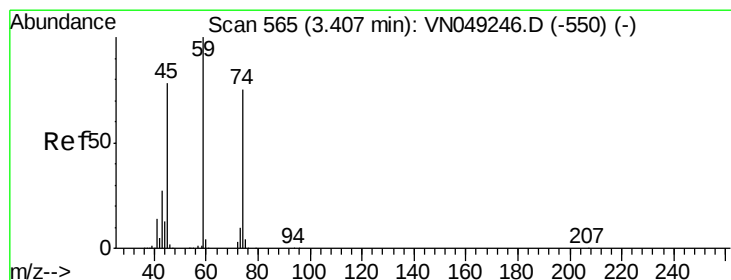
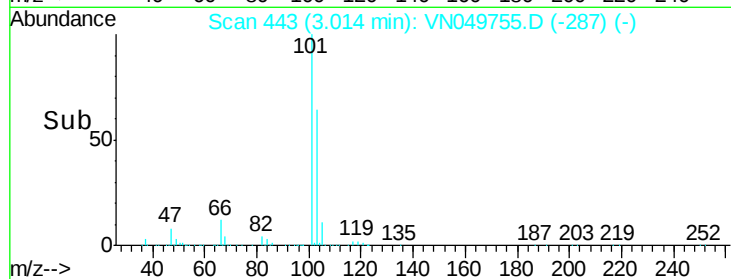
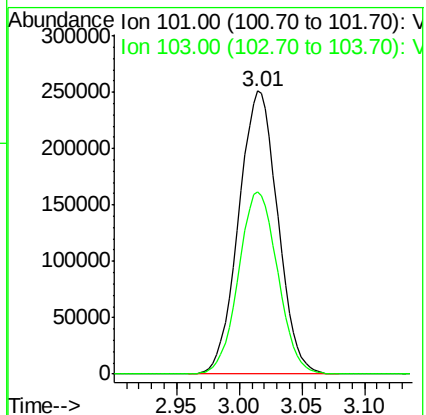
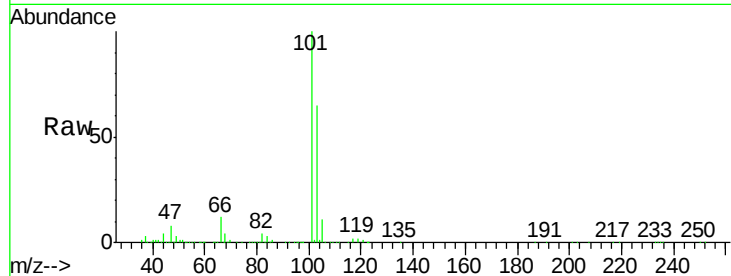




#7

Trichlorofluoromethane
 Concen: 23.07 ug/l
 RT: 3.01 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: VN049755.D
 Acq: 11 Jul 2018 10:46

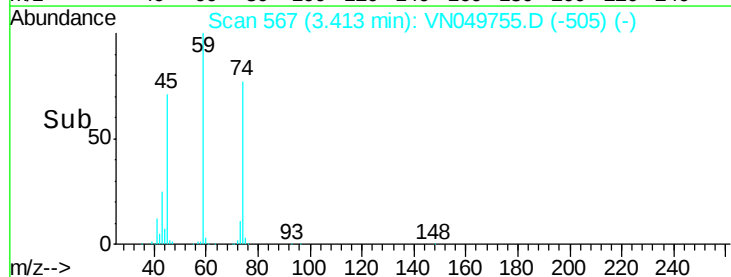
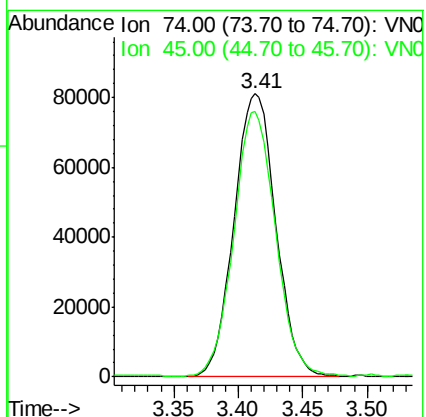
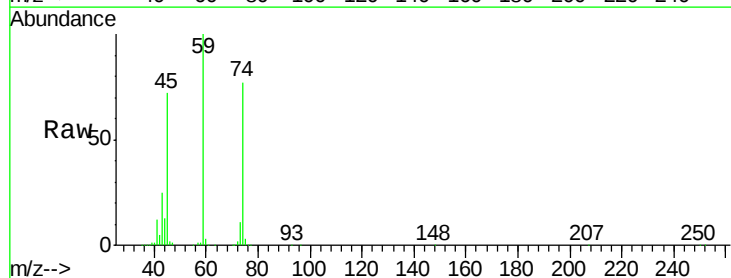
Tot Ion:101 Resp: 544629
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.5 77.3

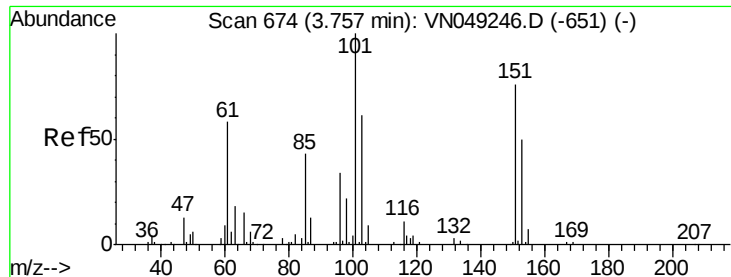


#8

Diethyl Ether
 Concen: 19.97 ug/l
 RT: 3.41 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: VN049755.D
 Acq: 11 Jul 2018 10:46

Tgt Ion: 74 Resp: 183007
 Ion Ratio Lower Upper
 74 100
 45 93.3 18.7 167.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.52 ug/l

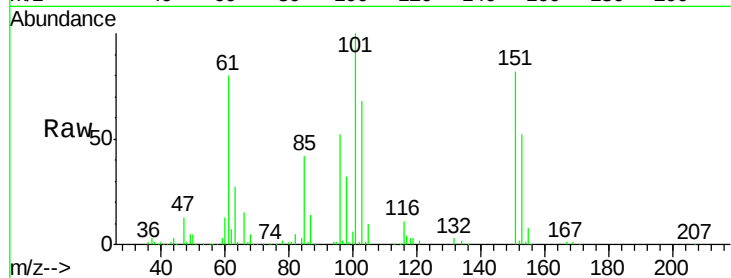
RT: 3.75 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN049755.D

Acq: 11 Jul 2018 10:46

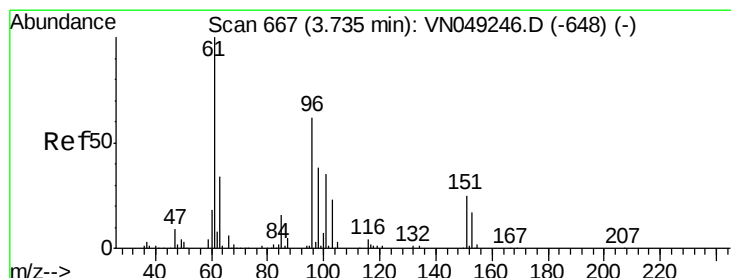
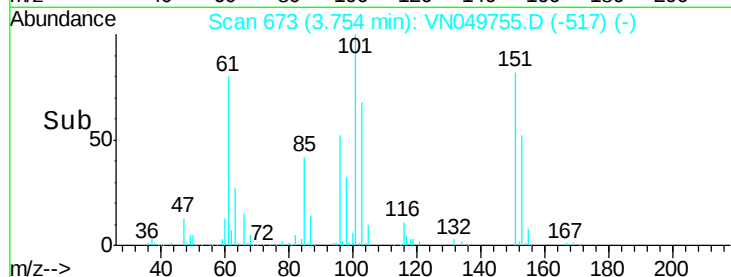
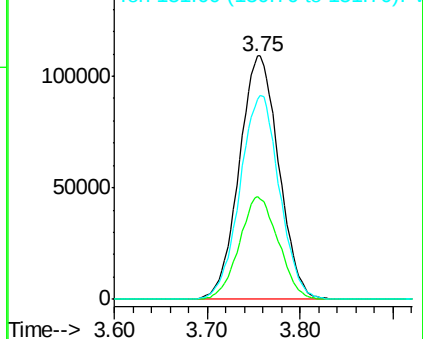
Tot Ion:	101	Resp:	323405
Ion	Ratio	Lower	Upper
101	100		
85	41.5	0.0	83.0
151	83.4	0.0	166.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 20.12 ug/l

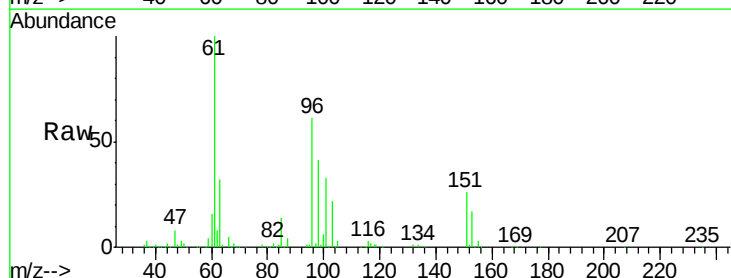
RT: 3.73 min Scan# 667

Delta R.T. 0.00 min

Lab File: VN049755.D

Acq: 11 Jul 2018 10:46

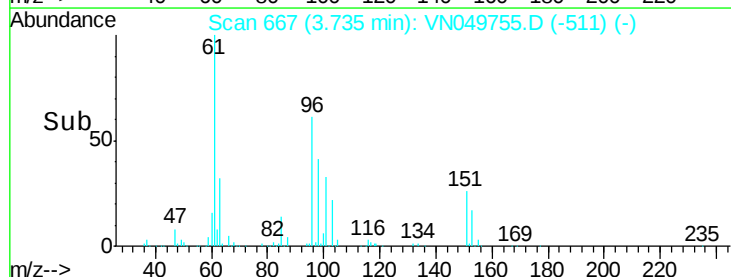
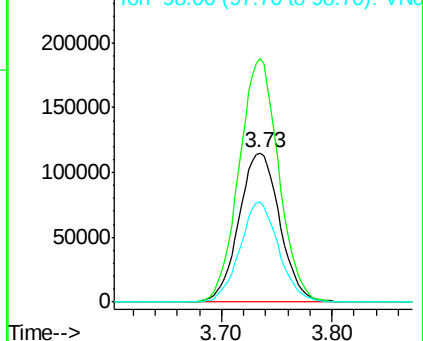
Tgt Ion:	96	Resp:	294864
Ion	Ratio	Lower	Upper
96	100		
61	163.2	130.6	195.8
98	66.9	53.5	80.3

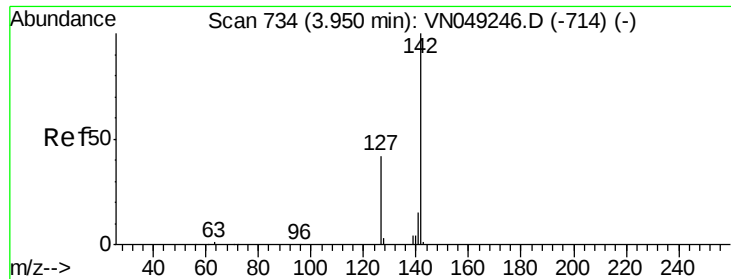


Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

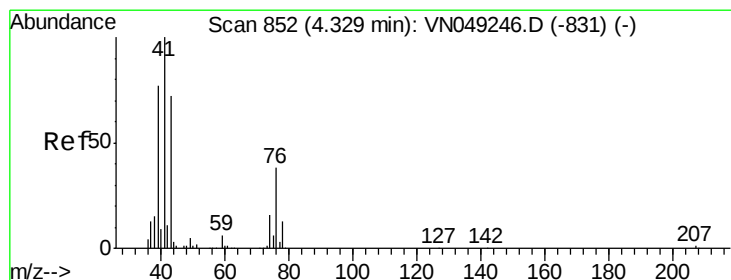
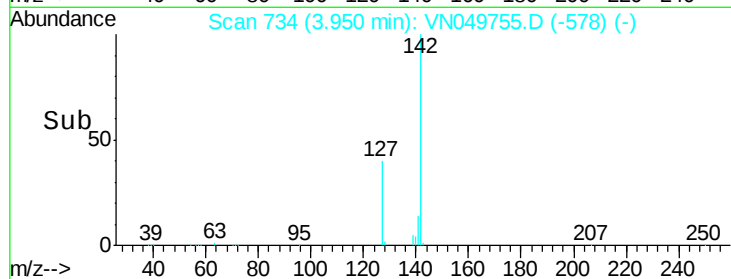
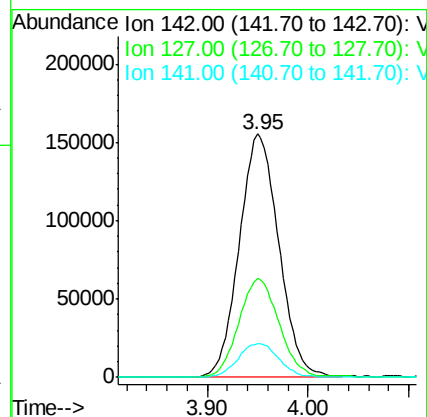
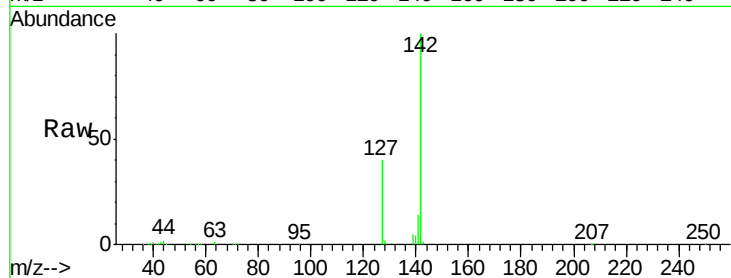
Ion 98.00 (97.70 to 98.70): VN0





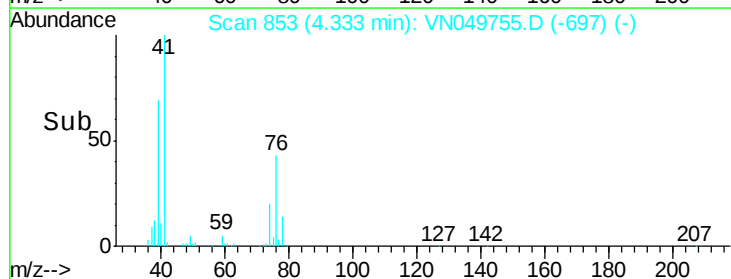
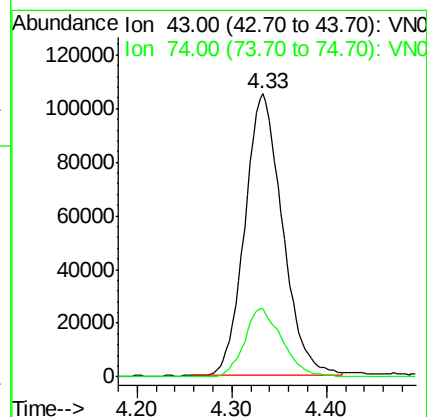
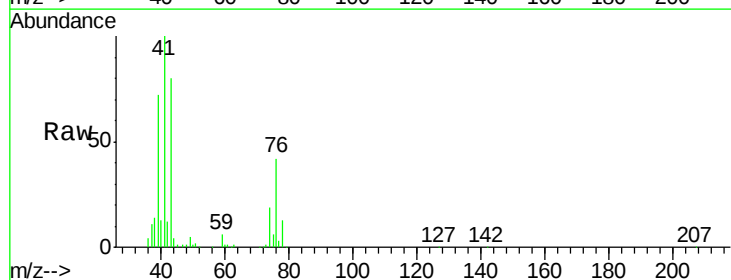
#11
Methvl Iodide
Concen: 24.55 ug/l
RT: 3.95 min Scan# 734
Delta R.T. 0.00 min
Lab File: VN049755.D
Acq: 11 Jul 2018 10:46

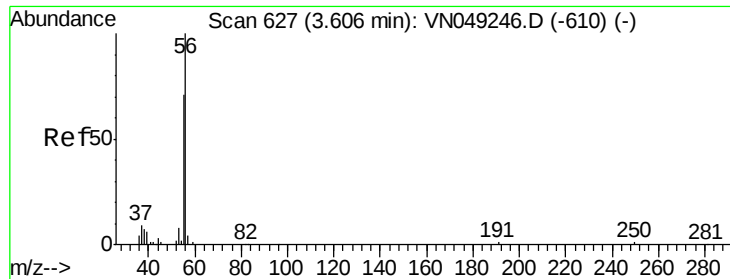
Tot Ion	Ratio	Lower	Upper
142	100		
127	40.3	20.2	60.5
141	13.7	6.9	20.6



#12
Methyl Acetate
Concen: 19.68 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN049755.D
Acq: 11 Jul 2018 10:46

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	19.3	28.9





#13

Acrolein

Concen: 90.81 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN049755.D

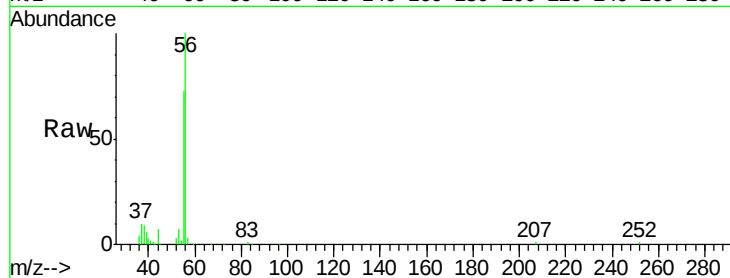
Acq: 11 Jul 2018 10:46

Tot Ion: 56 Resp: 132919

Ion Ratio Lower Upper

56 100

55 73.3 58.6 88.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.61

60000

50000

40000

30000

20000

10000

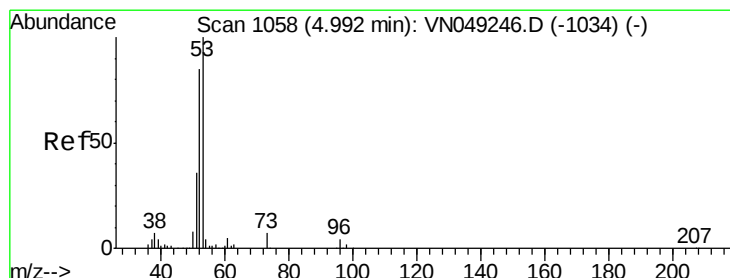
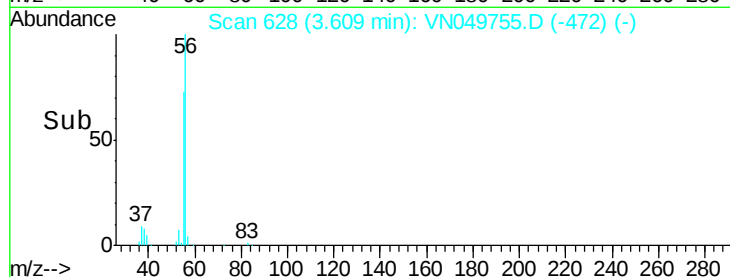
0

Time-->

3.50

3.60

3.70



#14

Acrylonitrile

Concen: 88.41 ug/l

RT: 4.99 min Scan# 1059

Delta R.T. 0.00 min

Lab File: VN049755.D

Acq: 11 Jul 2018 10:46

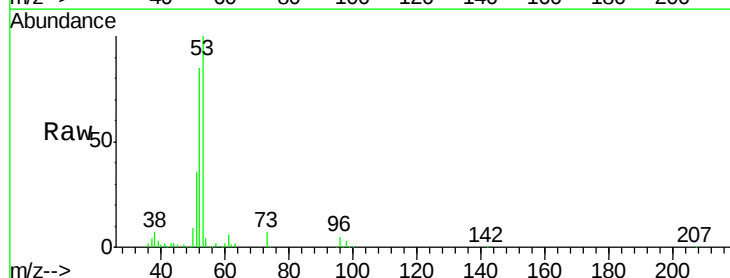
Tgt Ion: 53 Resp: 490665

Ion Ratio Lower Upper

53 100

52 83.0 41.5 124.5

51 37.4 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

4.99

150000

100000

50000

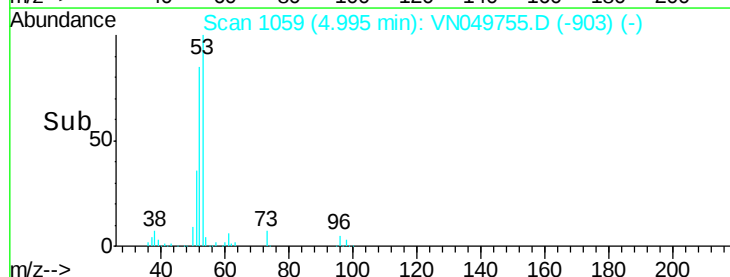
0

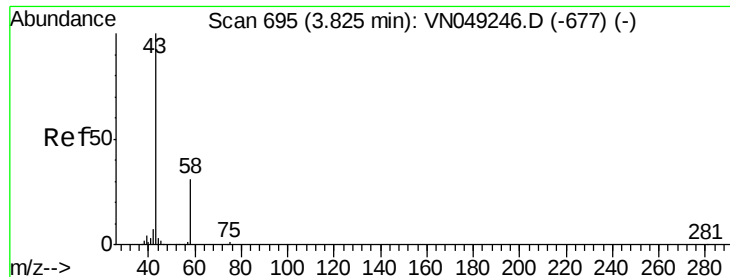
Time-->

4.90

5.00

5.10





#15

Acetone

Concen: 106.01 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049755.D

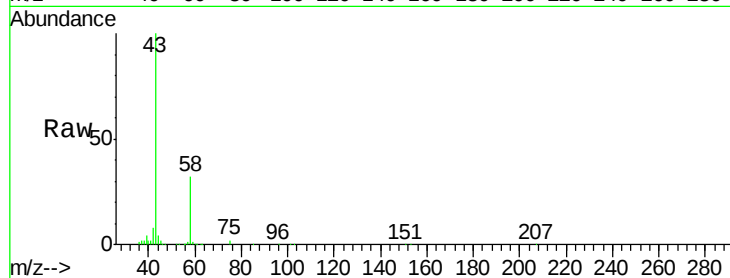
Acq: 11 Jul 2018 10:46

Tot Ion: 58 Resp: 132327

Ion Ratio Lower Upper

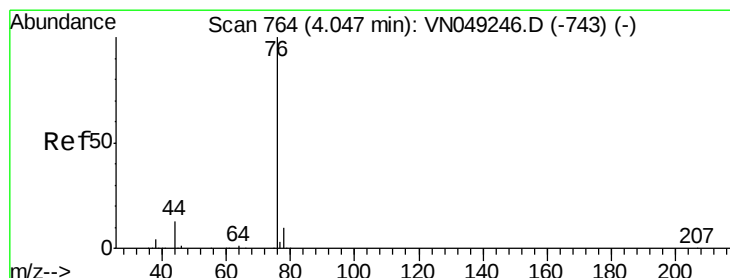
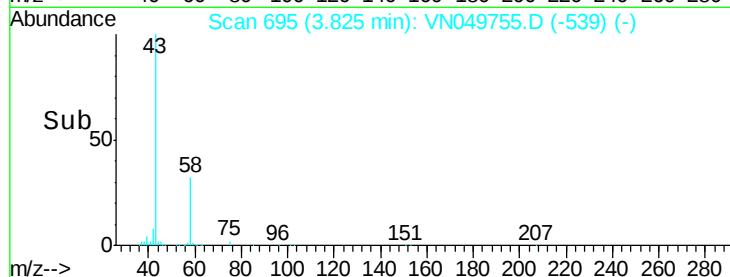
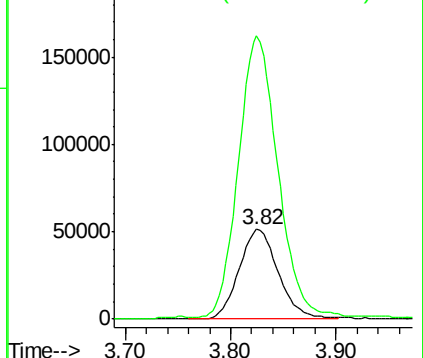
58 100

43 315.0 252.0 378.0



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#16

Carbon Disulfide

Concen: 19.18 ug/l

RT: 4.05 min Scan# 765

Delta R.T. 0.00 min

Lab File: VN049755.D

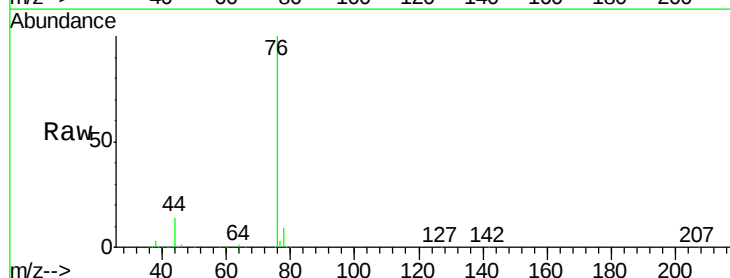
Acq: 11 Jul 2018 10:46

Tgt Ion: 76 Resp: 899971

Ion Ratio Lower Upper

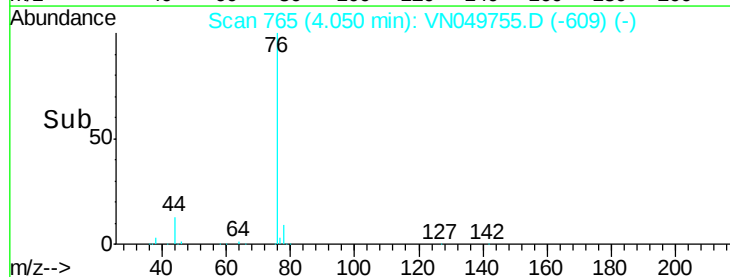
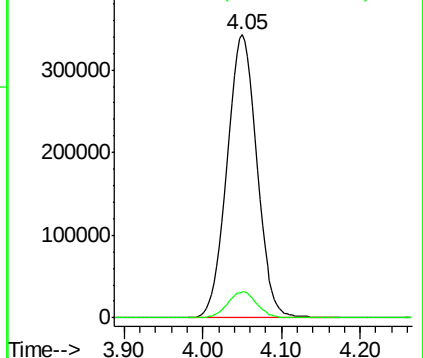
76 100

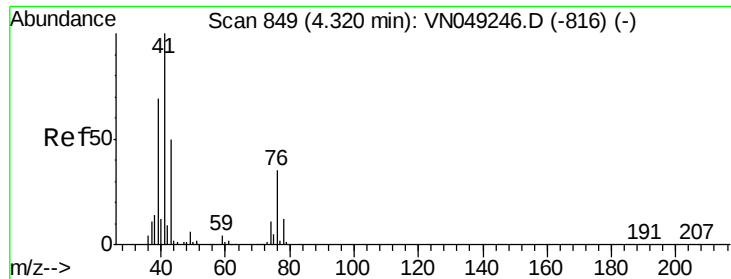
78 9.1 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VN0

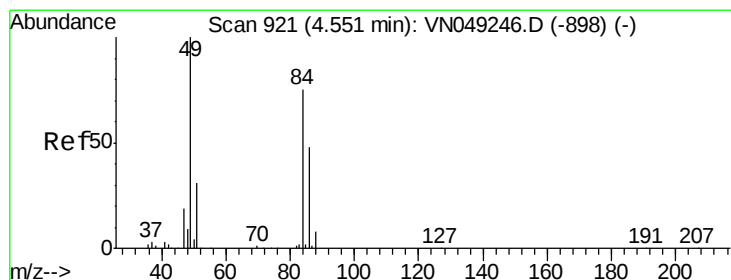
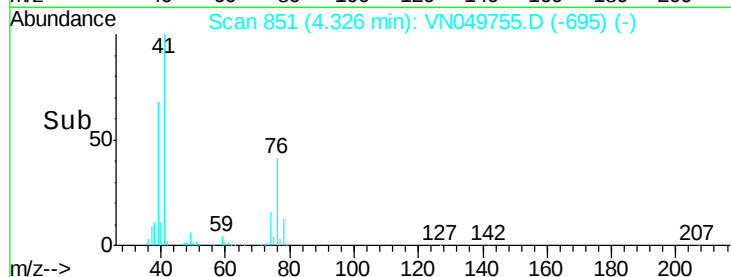
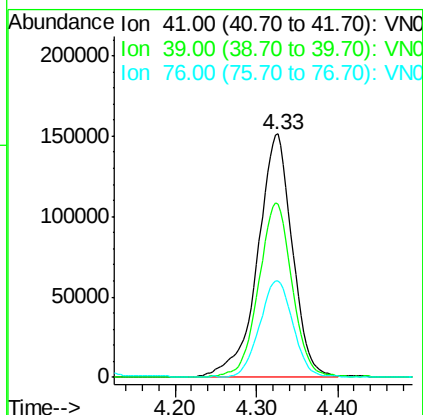
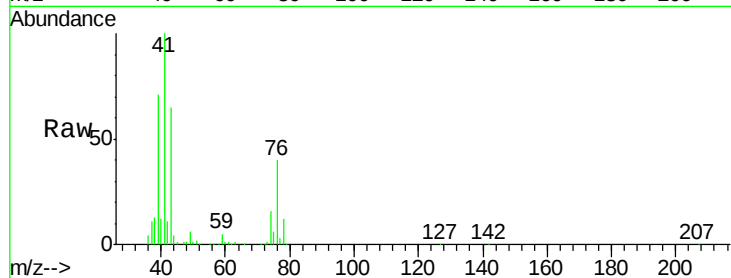
Ion 78.00 (77.70 to 78.70): VN0





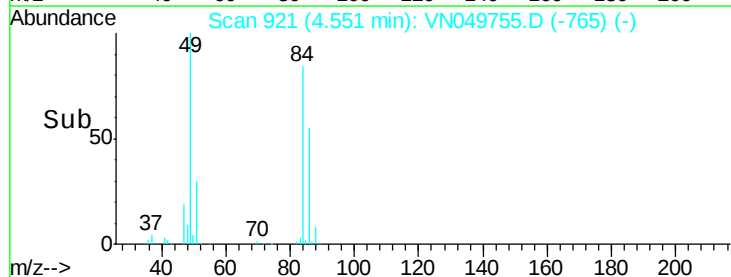
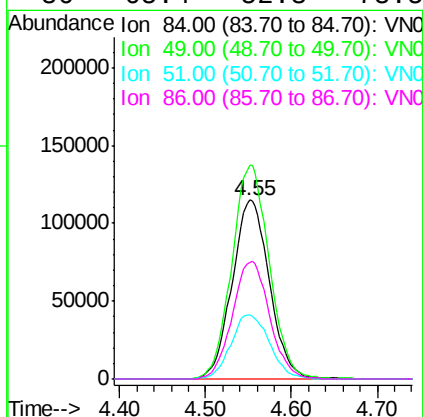
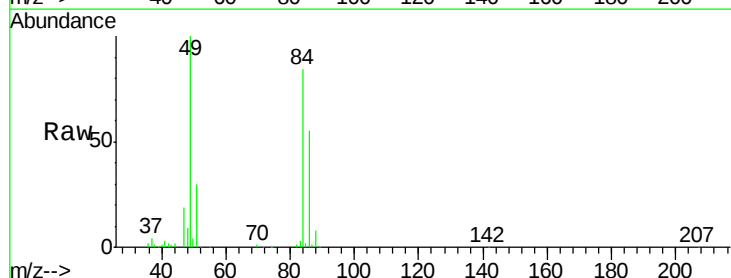
#17
Allvl chloride
Concen: 17.00 ug/l
RT: 4.33 min Scan# 851
Delta R.T. 0.00 min
Lab File: VN049755.D
Acq: 11 Jul 2018 10:46

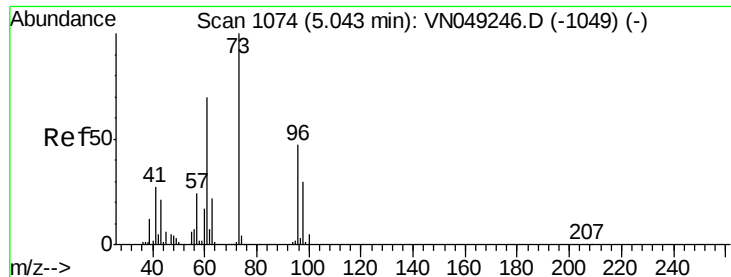
Tot Ion	Ratio	Lower	Upper
41	100		
39	70.9	35.4	106.3
76	39.4	19.7	59.1



#18
Methylene Chloride
Concen: 19.95 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049755.D
Acq: 11 Jul 2018 10:46

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.9	95.1	142.7
51	36.0	28.8	43.2
86	65.4	52.3	78.5

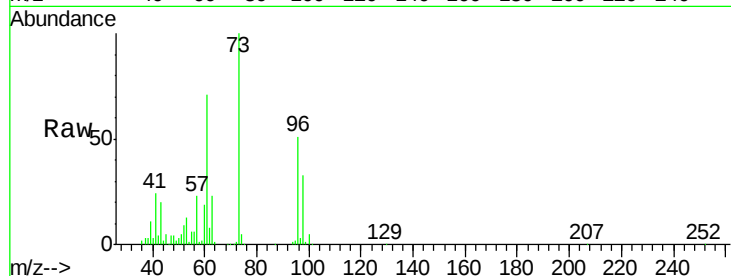




#19

trans-1,2-Dichloroethene
Concen: 19.66 ug/l
RT: 5.04 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VN049755.D
Acq: 11 Jul 2018 10:46

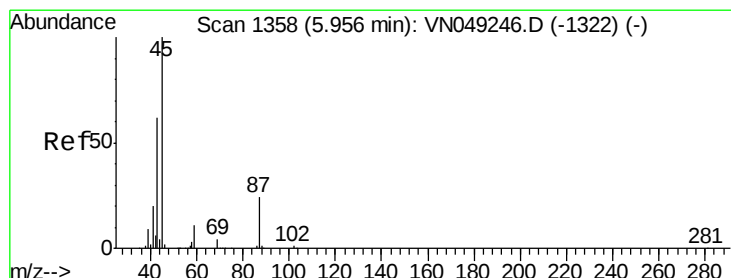
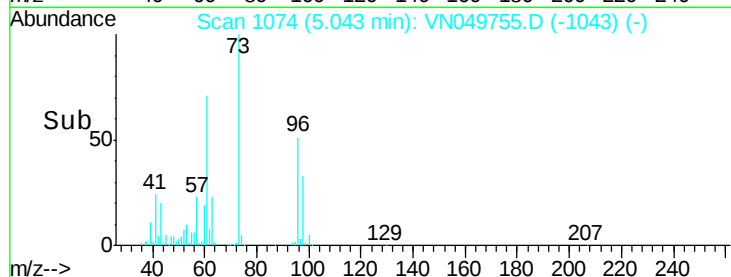
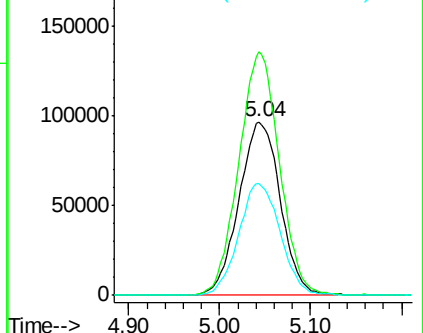
Tot Ion	Ratio	Lower	Upper
96	100		
61	140.1	112.1	168.1
98	64.1	51.3	76.9



Abundance Ion 96.00 (95.70 to 96.70): VN049246.D (-1049) (-)

Ion 61.00 (60.70 to 61.70): VN049246.D (-1049) (-)

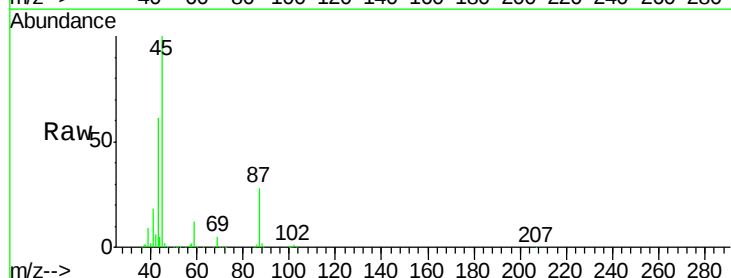
Ion 98.00 (97.70 to 98.70): VN049246.D (-1049) (-)



#20

Diisopropyl ether
Concen: 17.09 ug/l
RT: 5.96 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VN049755.D
Acq: 11 Jul 2018 10:46

Tgt Ion	Ratio	Lower	Upper
45	100		
43	58.3	46.6	70.0
87	27.9	22.3	33.5
59	11.9	9.5	14.3

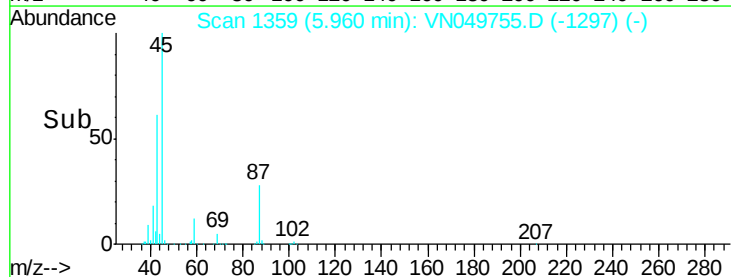
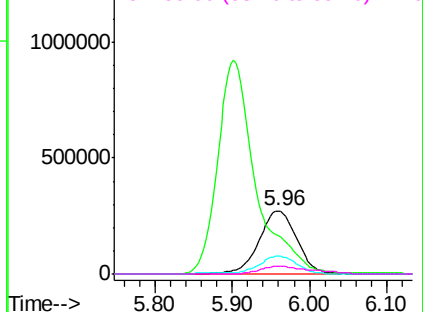


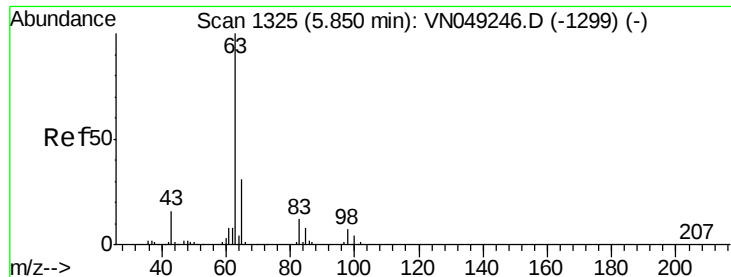
Abundance Ion 45.00 (44.70 to 45.70): VN049246.D (-1322) (-)

Ion 43.00 (42.70 to 43.70): VN049246.D (-1322) (-)

Ion 87.00 (86.70 to 87.70): VN049246.D (-1322) (-)

Ion 59.00 (58.70 to 59.70): VN049246.D (-1322) (-)





#21

1,1-Dichloroethane

Concen: 18.44 ug/l

RT: 5.85 min Scan# 1326

Delta R.T. 0.00 min

Lab File: VN049755.D

Acq: 11 Jul 2018 10:46

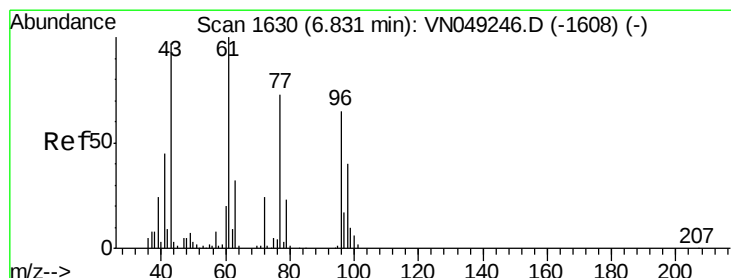
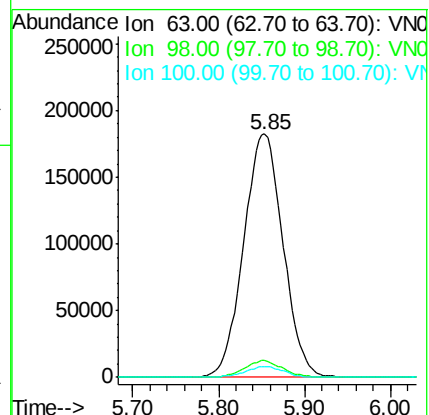
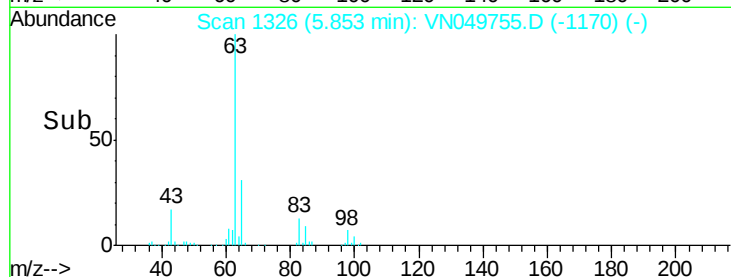
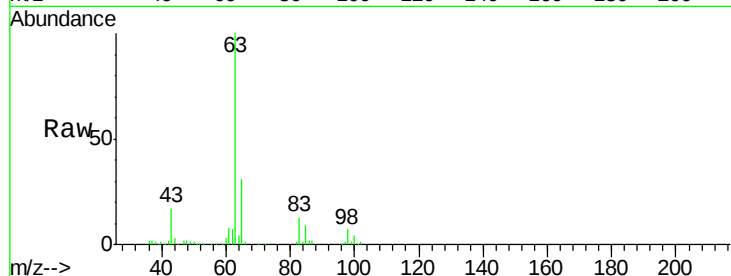
Tot Ion: 63 Resp: 580100

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.6

100 4.5 2.3 6.8



#22

cis-1,2-Dichloroethene

Concen: 19.44 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VN049755.D

Acq: 11 Jul 2018 10:46

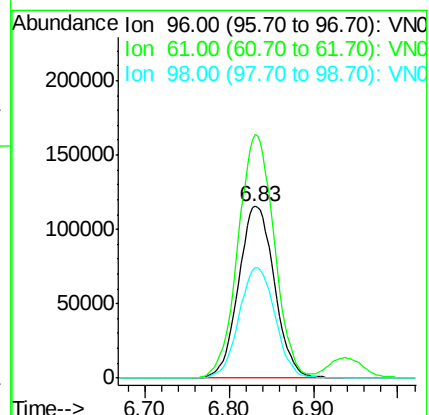
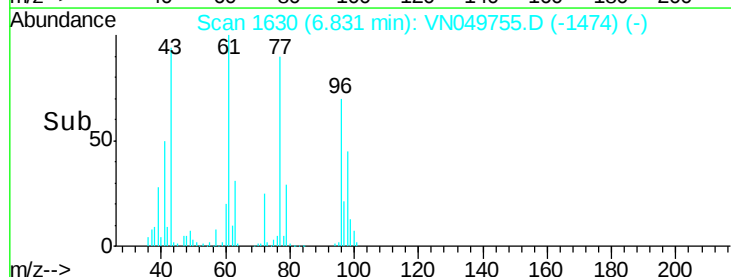
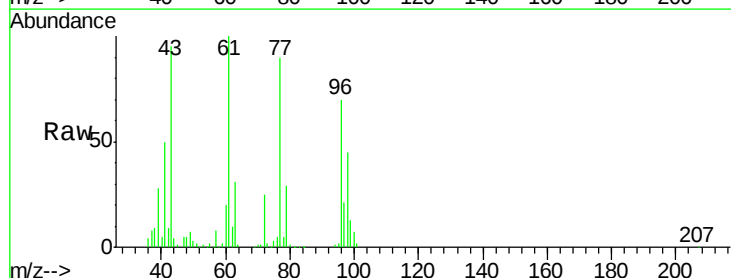
Tgt Ion: 96 Resp: 341920

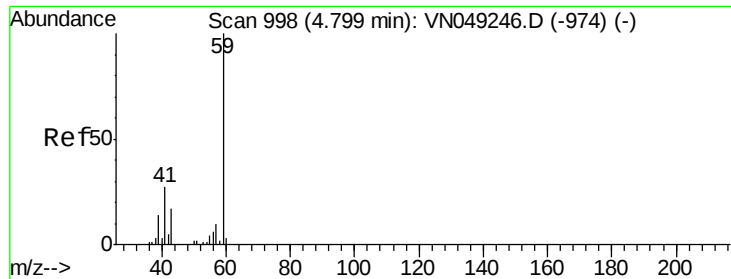
Ion Ratio Lower Upper

96 100

61 142.7 114.2 171.2

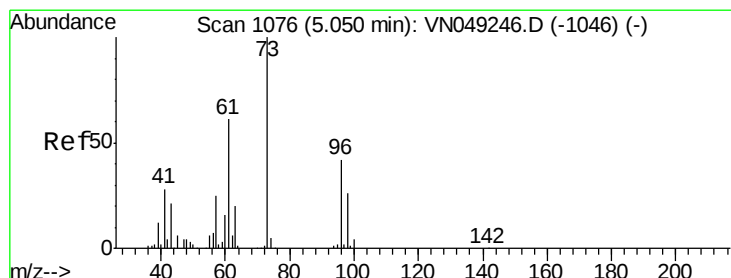
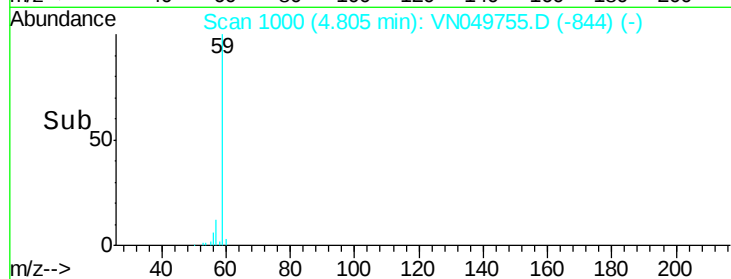
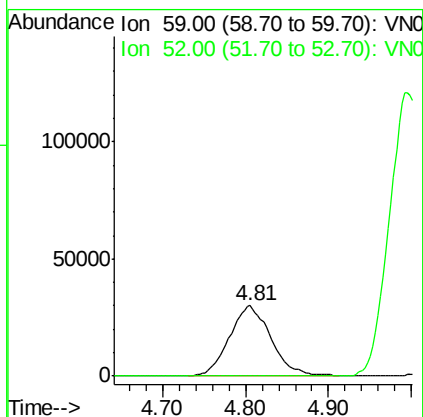
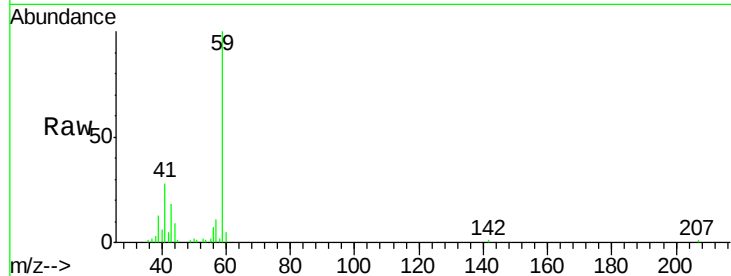
98 64.6 51.7 77.5





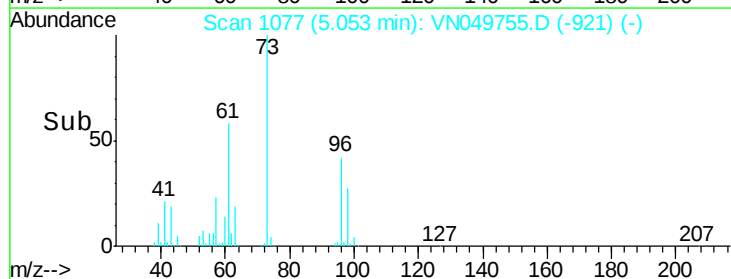
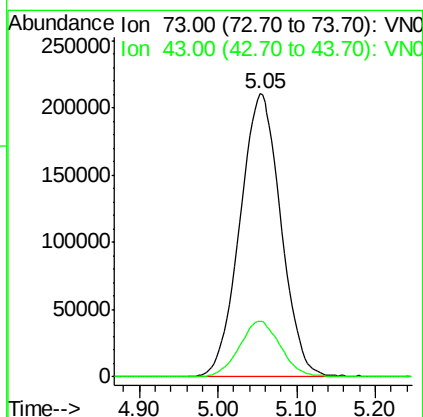
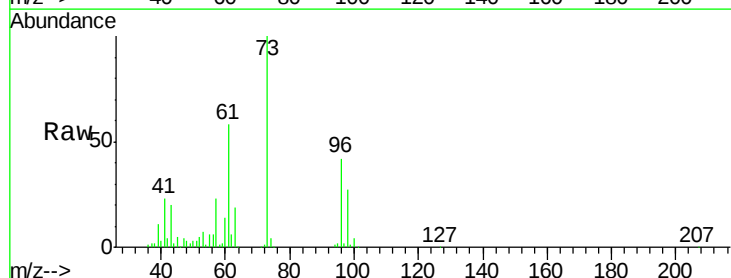
#23
 tert-Butyl Alcohol
 Concen: 100.66 ug/l
 RT: 4.81 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: VN049755.D
 Acq: 11 Jul 2018 10:46

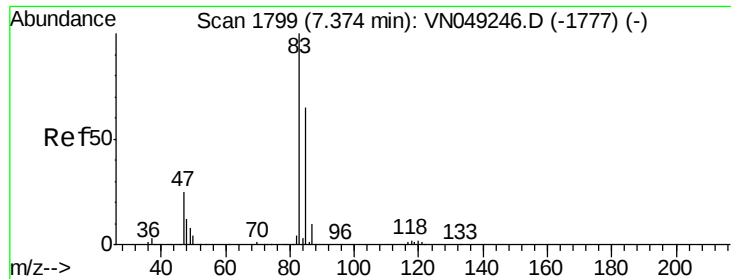
Tot Ion: 59 Resp: 105093
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.1 0.1



#24
 Methyl tert-Butyl Ether
 Concen: 19.16 ug/l
 RT: 5.05 min Scan# 1077
 Delta R.T. 0.00 min
 Lab File: VN049755.D
 Acq: 11 Jul 2018 10:46

Tgt Ion: 73 Resp: 770953
 Ion Ratio Lower Upper
 73 100
 43 19.4 15.5 23.3





#25

Chloroform

Concen: 19.07 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN049755.D

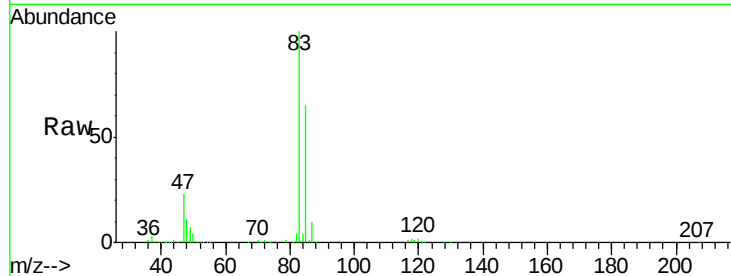
Acq: 11 Jul 2018 10:46

Tot Ion: 83 Resp: 585383

Ion Ratio Lower Upper

83 100

85 65.1 52.1 78.1



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0

7.37

250000

200000

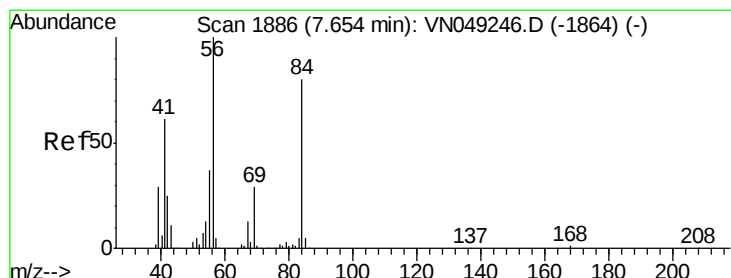
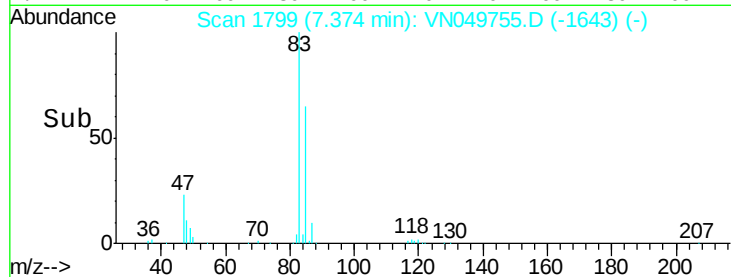
150000

100000

50000

0

Time-->



#26

Cyclohexane

Concen: 17.59 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VN049755.D

Acq: 11 Jul 2018 10:46

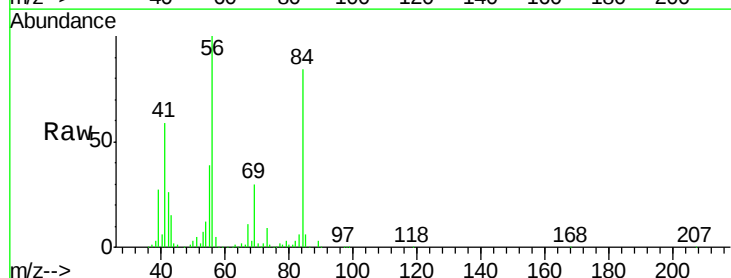
Tgt Ion: 56 Resp: 472305

Ion Ratio Lower Upper

56 100

89 3.7 3.0 4.4

84 87.3 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

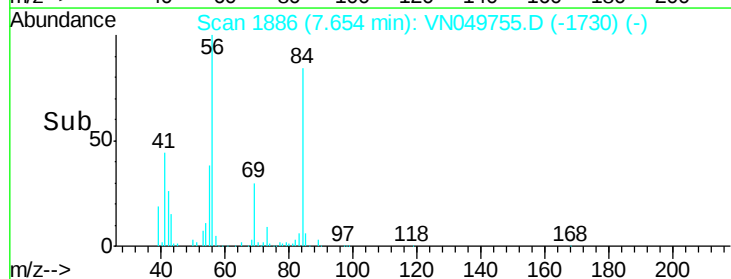
300000

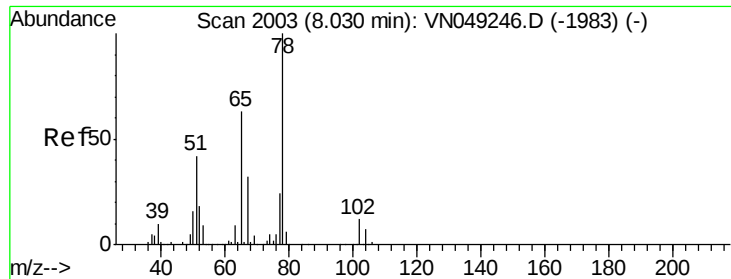
200000

100000

0

Time-->





#27

1,2-Dichloroethane-d4

Concen: 28.30 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049755.D

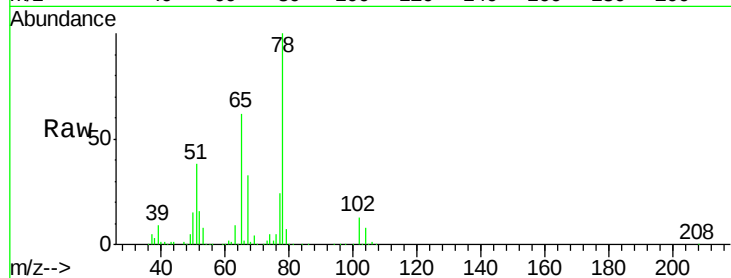
Acq: 11 Jul 2018 10:46

Tot Ion: 65 Resp: 539579

Ion Ratio Lower Upper

65 100

67 53.4 42.7 64.1



Abundance Ion 65.00 (64.70 to 65.70): VN049246.D (-1983) (-)

Ion 67.00 (66.70 to 67.70): VN049246.D (-1983) (-)

8.03

250000

200000

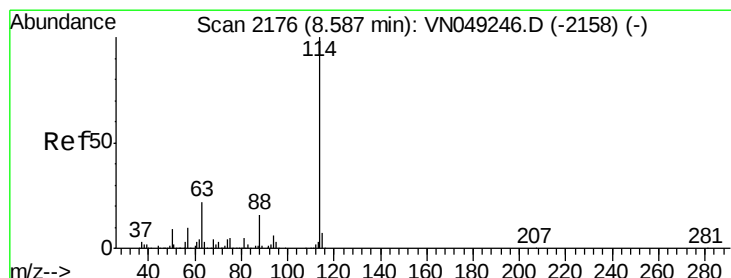
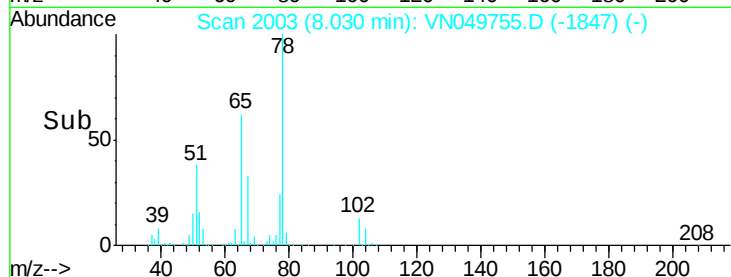
150000

100000

50000

0

Time-->



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049755.D

Acq: 11 Jul 2018 10:46

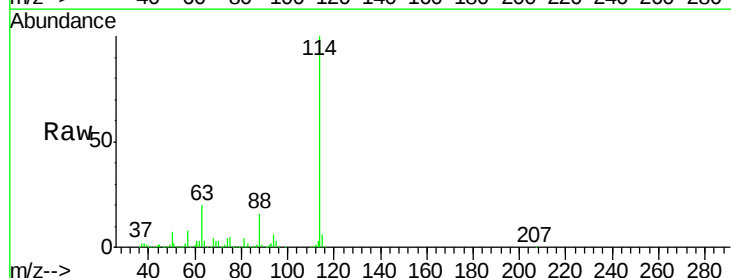
Tgt Ion: 114 Resp: 1396865

Ion Ratio Lower Upper

114 100

63 20.2 16.2 24.2

88 15.4 12.3 18.5



Abundance Ion 114.00 (113.70 to 114.70): VN049246.D (-2158) (-)

Ion 63.00 (62.70 to 63.70): VN049246.D (-2158) (-)

Ion 88.00 (87.70 to 88.70): VN049246.D (-2158) (-)

8.59

800000

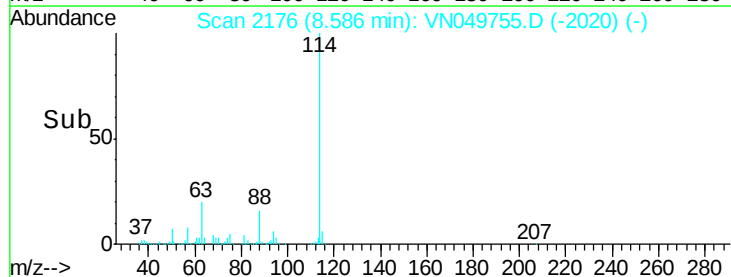
600000

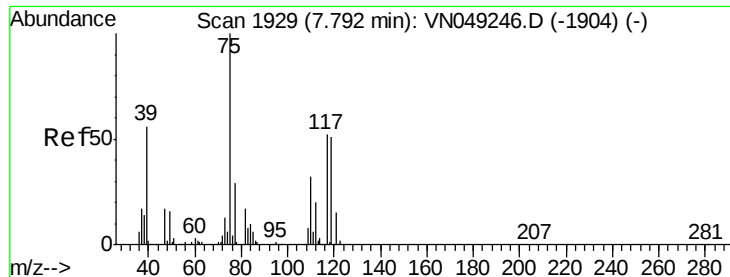
400000

200000

0

Time-->





#29

1,1-Dichloropropene

Concen: 19.05 ug/l

RT: 7.79 min Scan# 1929

Delta R.T. 0.00 min

Lab File: VN049755.D

Acq: 11 Jul 2018 10:46

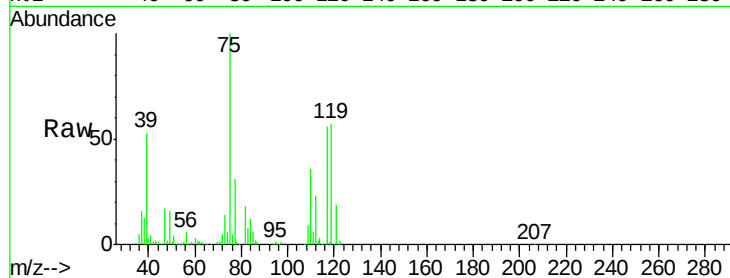
Tot Ion: 75 Resp: 433774

Ion Ratio Lower Upper

75 100

110 36.6 0.0 73.2

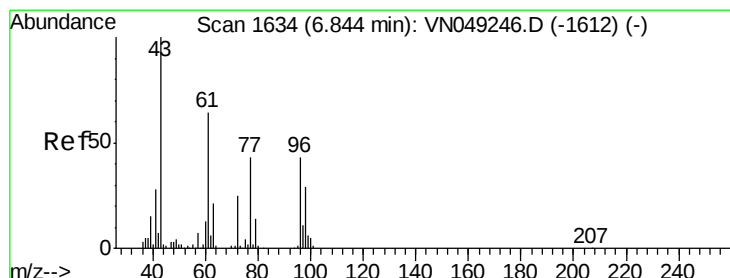
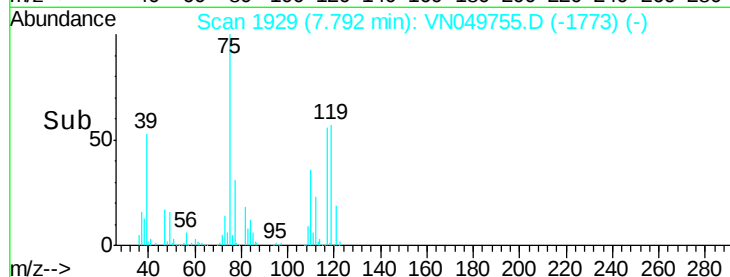
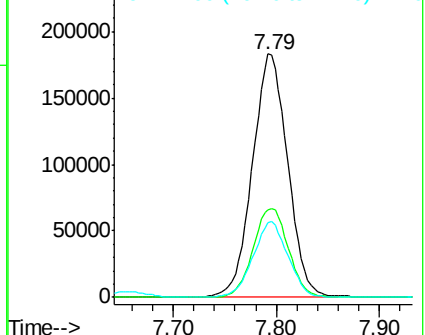
77 31.0 0.0 62.0



Abundance Ion 75.00 (74.70 to 75.70): VN049755.D (-1773) (-)

Ion 110.00 (109.70 to 110.70): VN049755.D (-1773) (-)

Ion 77.00 (76.70 to 77.70): VN049755.D (-1773) (-)



#30

2-Butanone

Concen: 97.10 ug/l

RT: 6.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VN049755.D

Acq: 11 Jul 2018 10:46

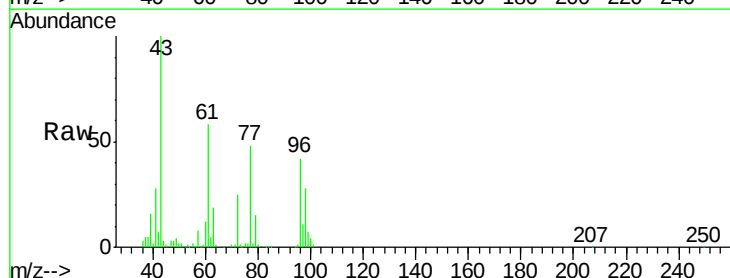
Tgt Ion: 43 Resp: 603782

Ion Ratio Lower Upper

43 100

57 8.5 6.8 10.2

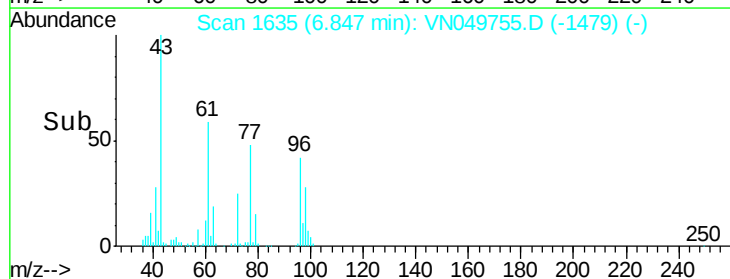
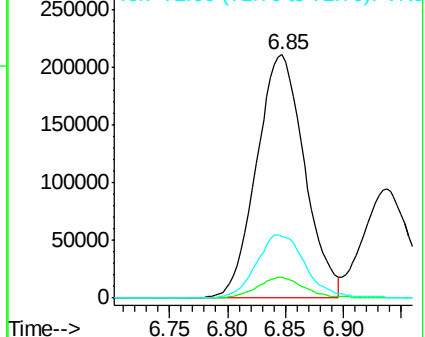
72 26.7 21.4 32.0

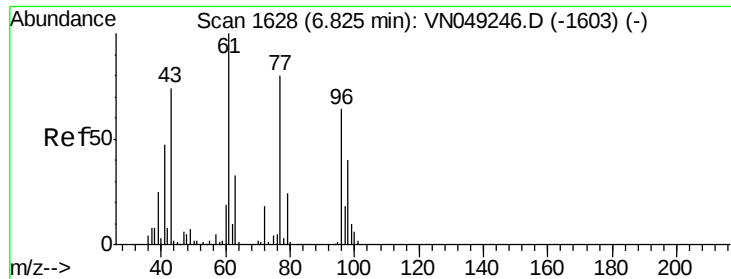


Abundance Ion 43.00 (42.70 to 43.70): VN049755.D (-1479) (-)

Ion 57.00 (56.70 to 57.70): VN049755.D (-1479) (-)

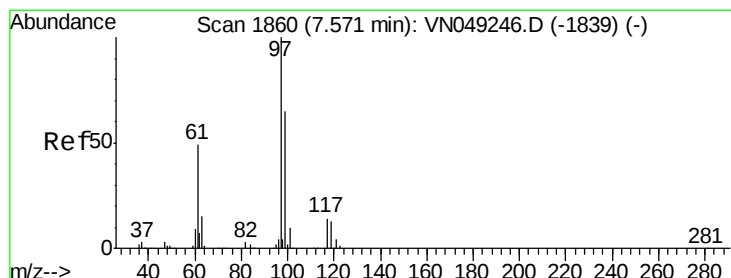
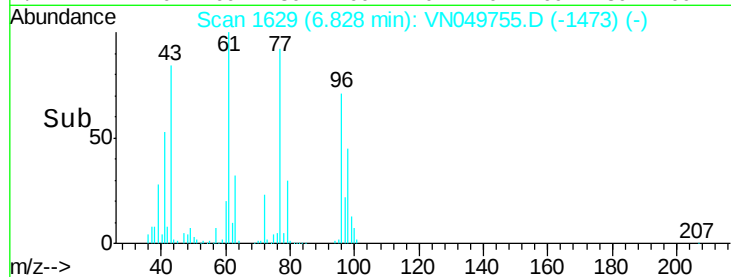
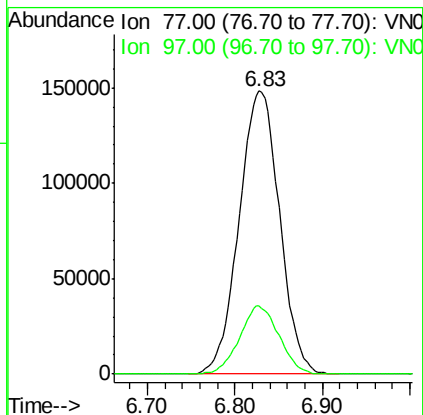
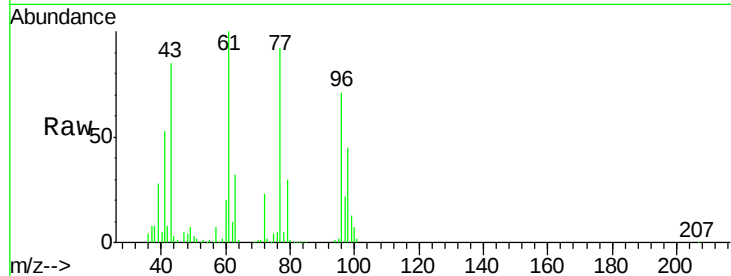
Ion 72.00 (71.70 to 72.70): VN049755.D (-1479) (-)





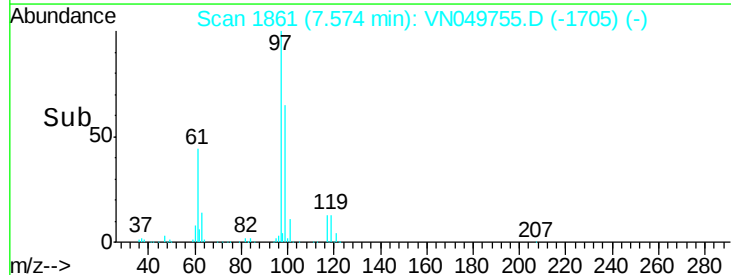
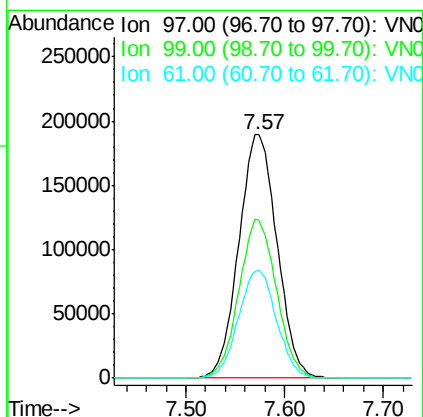
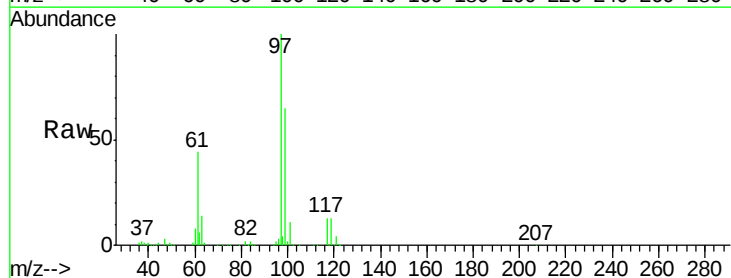
#31
 2,2-Dichloropropane
 Concen: 21.86 ug/l
 RT: 6.83 min Scan# 1629
 Delta R.T. 0.00 min
 Lab File: VN049755.D
 Acq: 11 Jul 2018 10:46

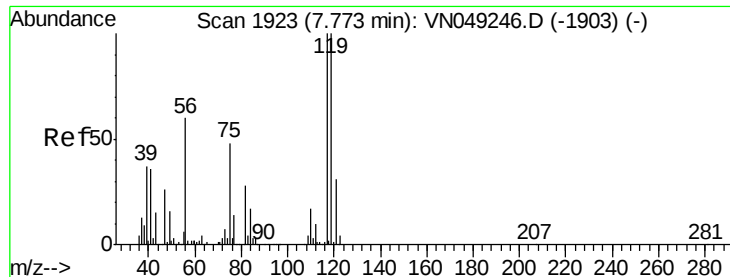
Tot Ion: 77 Resp: 475625
 Ion Ratio Lower Upper
 77 100
 97 23.6 18.9 28.3



#32
 1,1,1-Trichloroethane
 Concen: 19.76 ug/l
 RT: 7.57 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VN049755.D
 Acq: 11 Jul 2018 10:46

Tgt Ion: 97 Resp: 507793
 Ion Ratio Lower Upper
 97 100
 99 64.0 51.2 76.8
 61 44.1 35.3 52.9





#33

Carbon Tetrachloride

Concen: 19.81 ug/l

RT: 7.78 min Scan# 1924

Delta R.T. 0.00 min

Lab File: VN049755.D

Acq: 11 Jul 2018 10:46

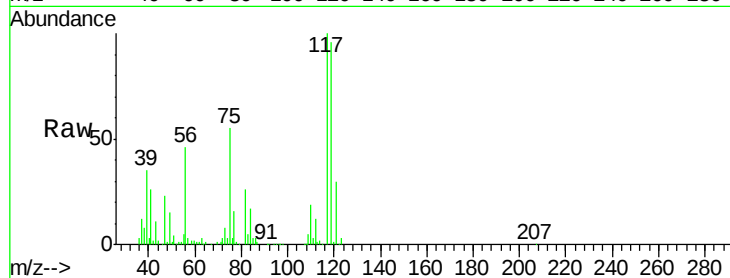
Tot Ion:117 Resp: 446836

Ion Ratio Lower Upper

117 100

119 96.1 76.9 115.3

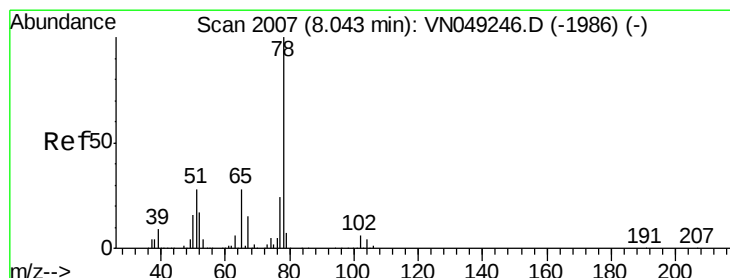
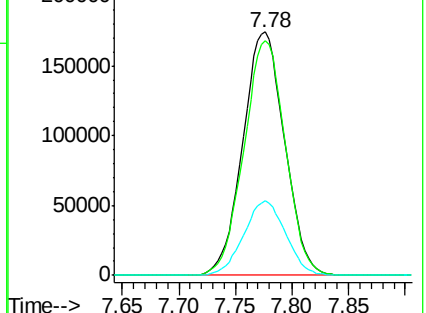
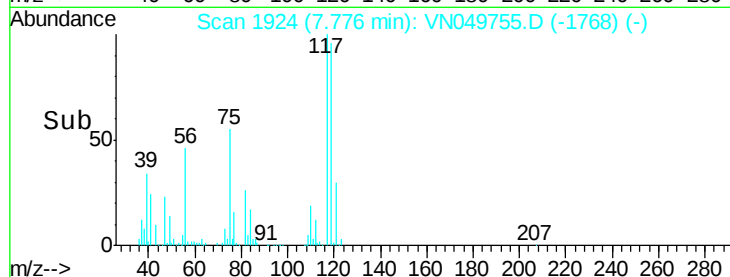
121 30.5 24.4 36.6



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: 19.20 ug/l

RT: 8.04 min Scan# 2007

Delta R.T. 0.00 min

Lab File: VN049755.D

Acq: 11 Jul 2018 10:46

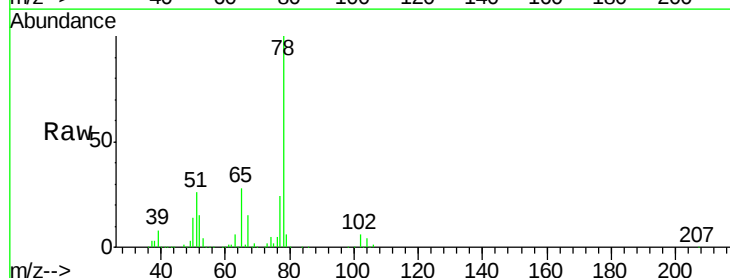
Tgt Ion: 78 Resp: 1326129

Ion Ratio Lower Upper

78 100

77 23.9 19.1 28.7

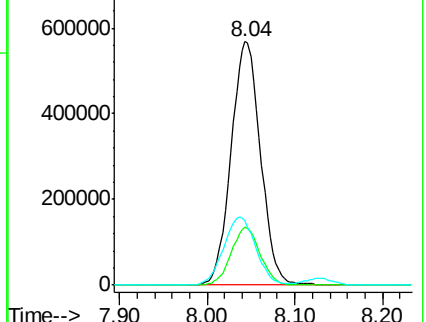
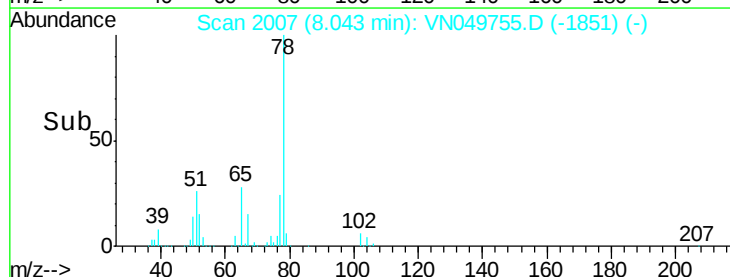
51 26.2 21.0 31.4

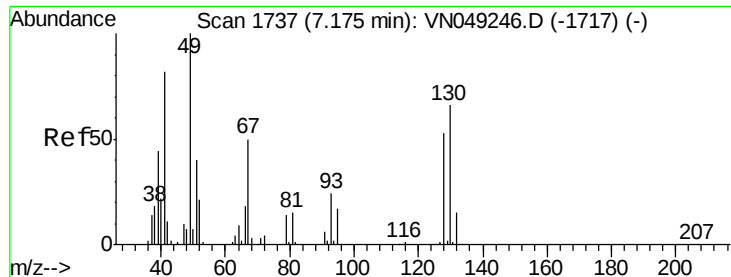


Abundance Ion 78.10 (77.80 to 78.80): V

Ion 77.00 (76.70 to 77.70): V

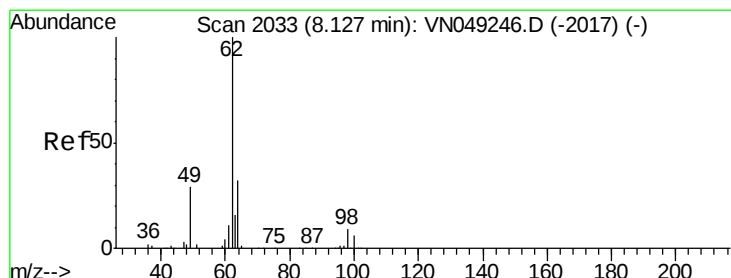
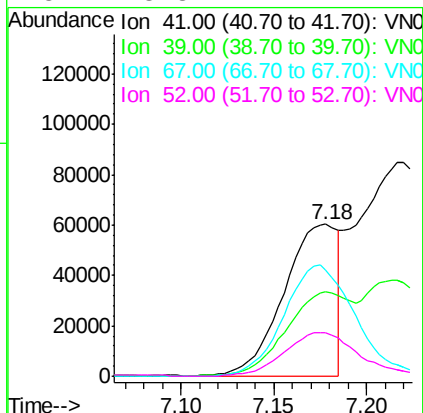
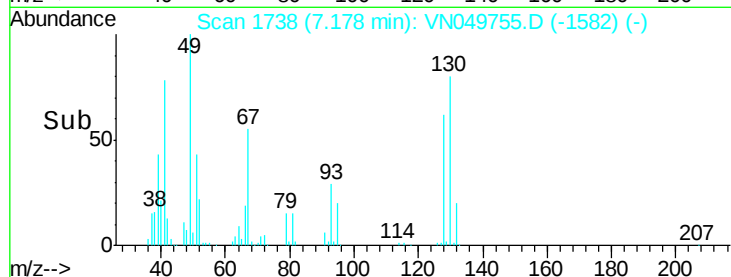
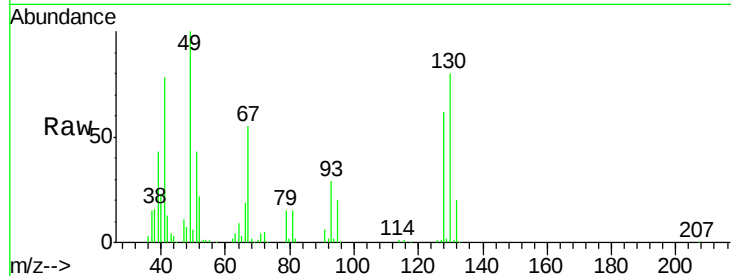
Ion 51.00 (50.70 to 51.70): V





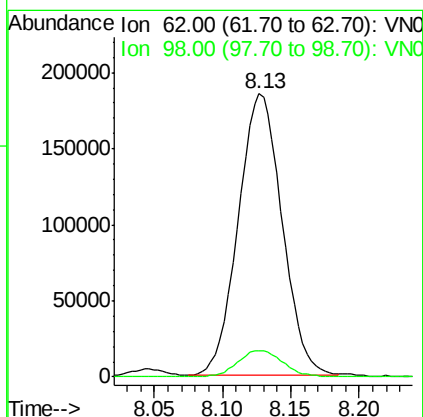
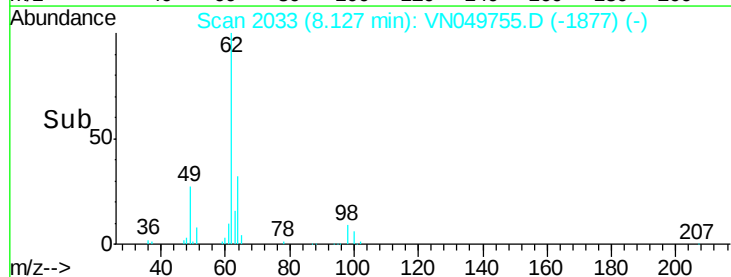
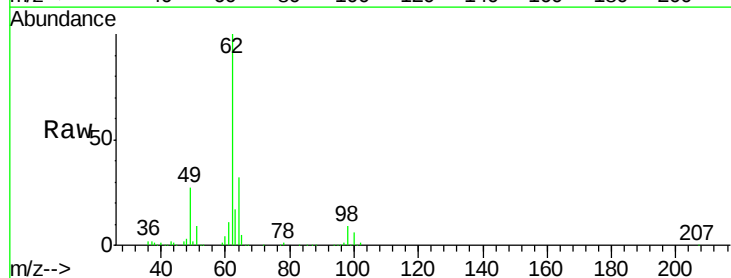
#35
Methacrylonitrile
Concen: 15.51 ug/l
RT: 7.18 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN049755.D
Acq: 11 Jul 2018 10:46

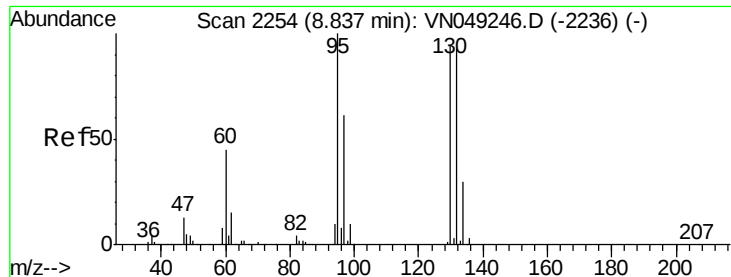
Tot Ion: 41 Resp: 120864
Ion Ratio Lower Upper
41 100
39 55.1 27.6 82.7
67 70.3 35.1 105.5
52 28.3 14.1 42.4



#36
1,2-Dichloroethane
Concen: 18.72 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN049755.D
Acq: 11 Jul 2018 10:46

Tgt Ion: 62 Resp: 413415
Ion Ratio Lower Upper
62 100
98 9.7 7.8 11.6





#37

Trichloroethene

Concen: 20.10 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN049755.D

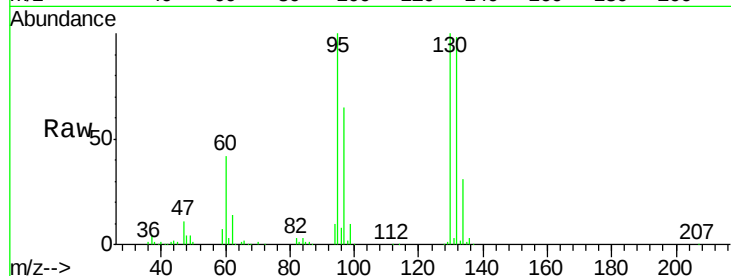
Acq: 11 Jul 2018 10:46

Tot Ion:130 Resp: 340360

Ion Ratio Lower Upper

130 100

95 99.6 79.7 119.5



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN0

8.84

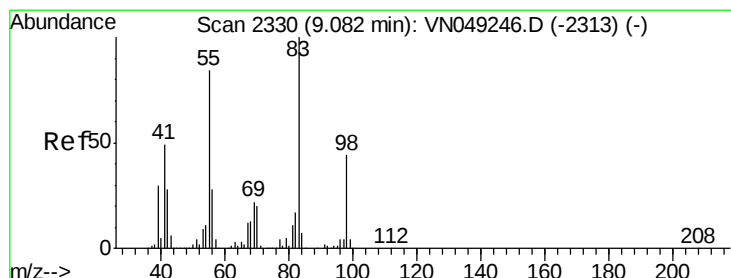
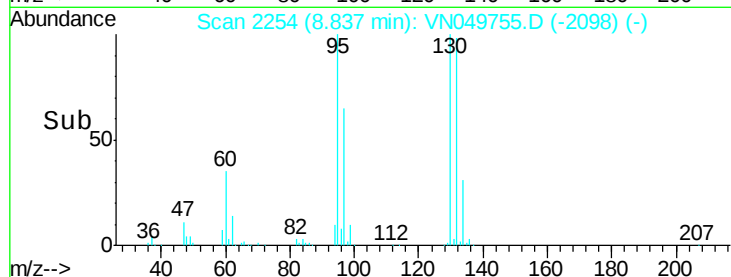
150000

100000

50000

0

Time-->



#38

Methylcyclohexane

Concen: 18.90 ug/l

RT: 9.08 min Scan# 2330

Delta R.T. 0.00 min

Lab File: VN049755.D

Acq: 11 Jul 2018 10:46

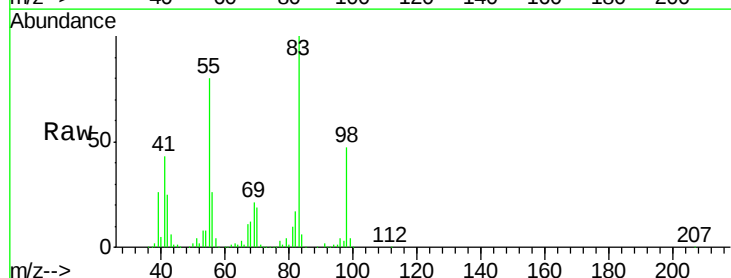
Tgt Ion: 83 Resp: 445279

Ion Ratio Lower Upper

83 100

55 78.5 39.3 117.8

98 46.0 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

250000

200000

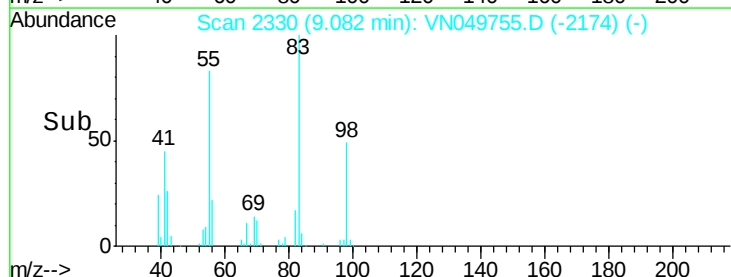
150000

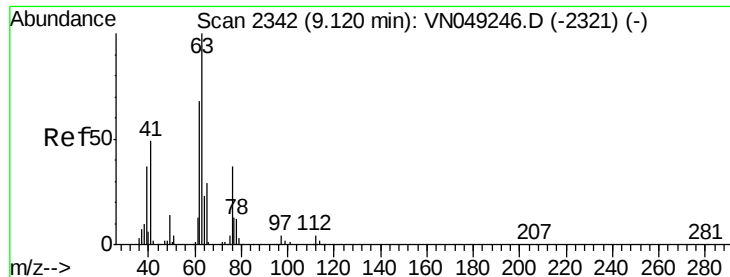
100000

50000

0

Time-->





#39

1,2-Dichloropropane

Concen: 18.07 ug/l

RT: 9.12 min Scan# 2343

Delta R.T. 0.00 min

Lab File: VN049755.D

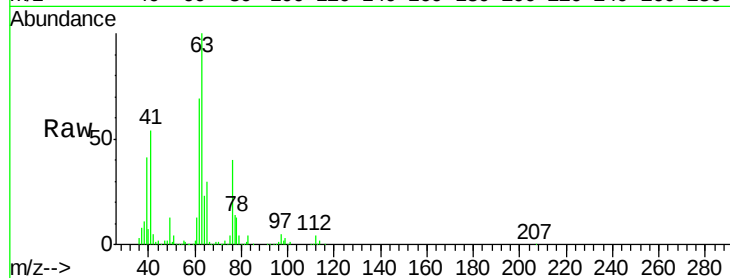
Acq: 11 Jul 2018 10:46

Tot Ion: 63 Resp: 339343

Ion Ratio Lower Upper

63 100

65 30.2 24.2 36.2



Abundance Ion 63.00 (62.70 to 63.70): VN049246.D (-2321) (-)

Ion 65.00 (64.70 to 65.70): VN049246.D (-2321) (-)

9.12

150000

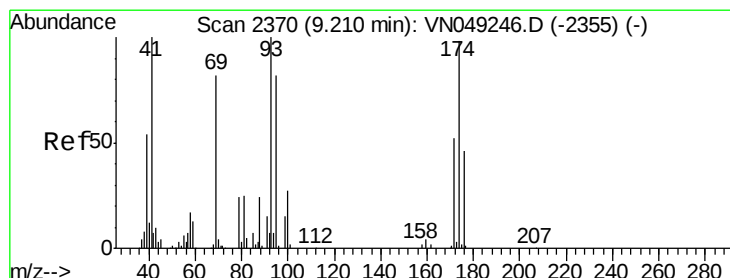
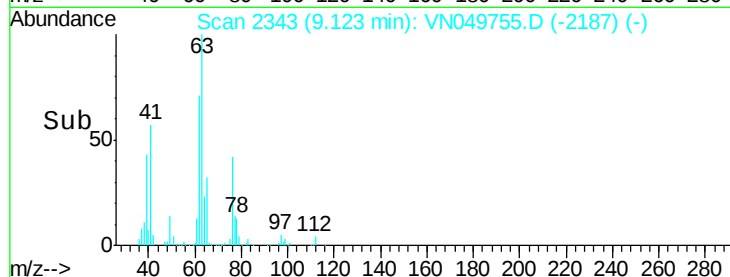
100000

50000

0

Time-->

9.00 9.10 9.20



#40

Dibromomethane

Concen: 19.56 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN049755.D

Acq: 11 Jul 2018 10:46

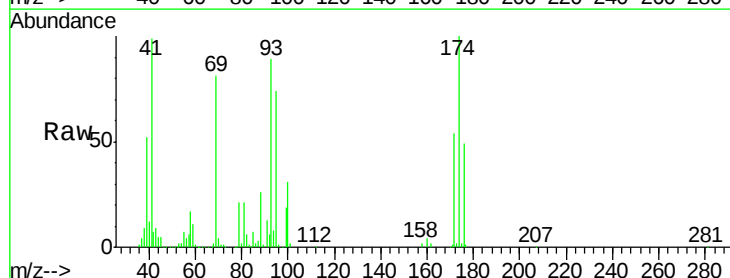
Tgt Ion: 93 Resp: 205617

Ion Ratio Lower Upper

93 100

95 82.8 0.0 165.6

174 111.6 0.0 223.2



Abundance Ion 93.00 (92.70 to 93.70): VN049246.D (-2355) (-)

Ion 95.00 (94.70 to 95.70): VN049246.D (-2355) (-)

Ion 174.00 (173.70 to 174.70): VN049246.D (-2355) (-)

9.21

150000

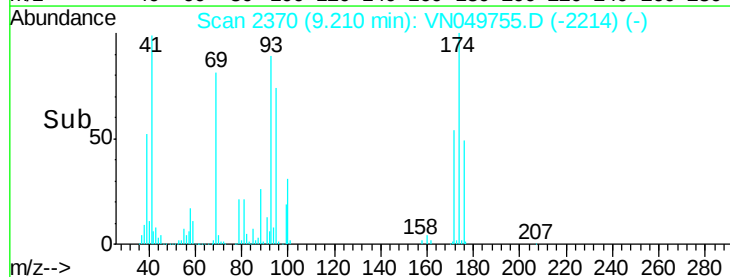
100000

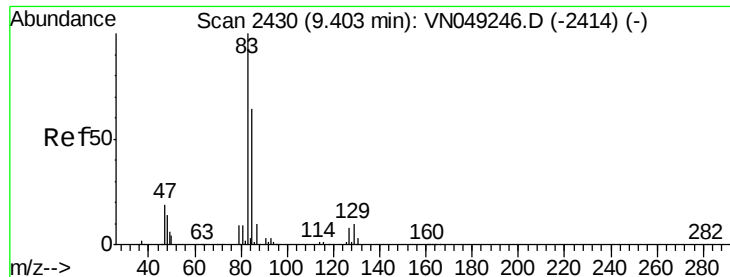
50000

0

Time-->

9.15 9.20 9.25 9.30





#41

Bromodichloromethane

Concen: 18.81 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN049755.D

Acq: 11 Jul 2018 10:46

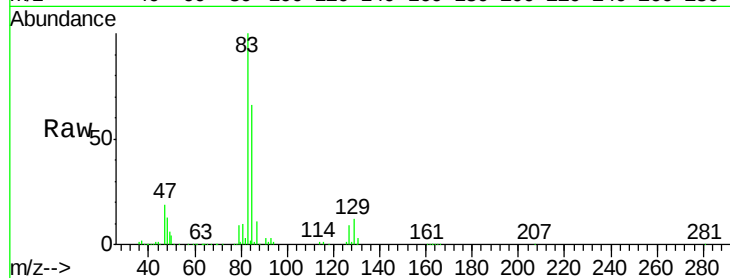
Tot Ion: 83 Resp: 436828

Ion Ratio Lower Upper

83 100

85 65.7 52.6 78.8

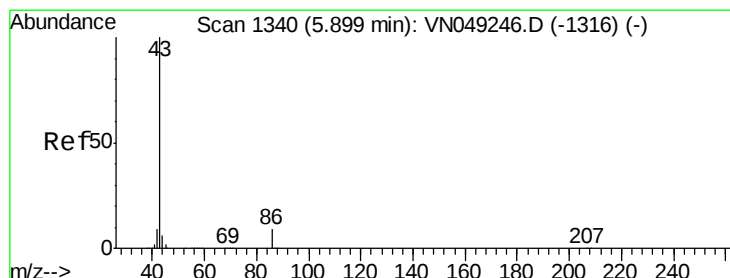
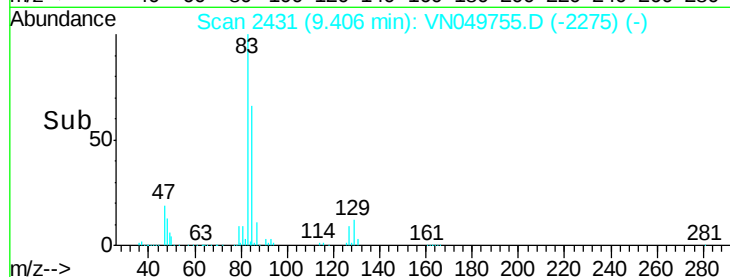
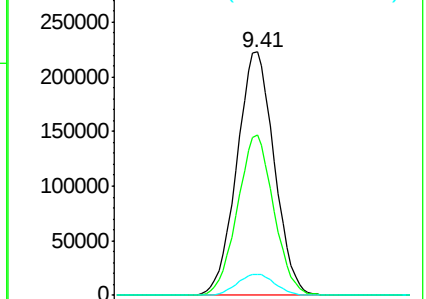
127 8.7 7.0 10.4



Abundance Ion 83.00 (82.70 to 83.70): VN049246.D (-2414) (-)

Ion 85.00 (84.70 to 85.70): VN049246.D (-2414) (-)

Ion 127.00 (126.70 to 127.70): VN049246.D (-2414) (-)



#42

Vinyl Acetate

Concen: 87.43 ug/l

RT: 5.90 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VN049755.D

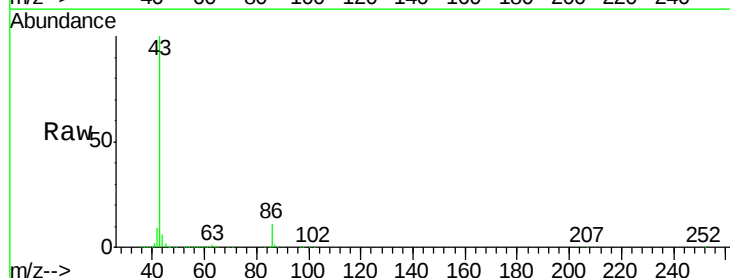
Acq: 11 Jul 2018 10:46

Tgt Ion: 43 Resp: 3146822

Ion Ratio Lower Upper

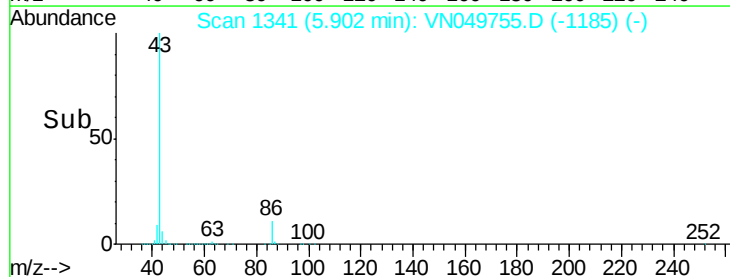
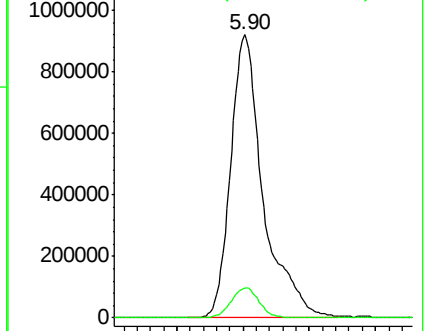
43 100

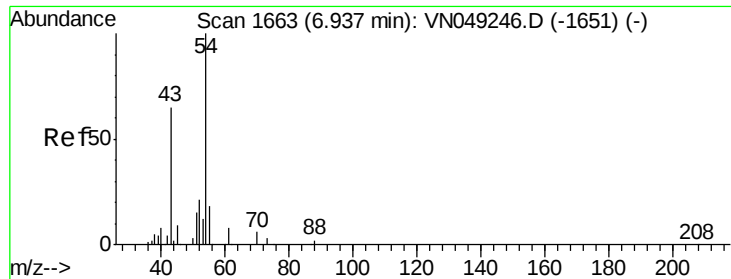
86 9.1 7.3 10.9



Abundance Ion 43.00 (42.70 to 43.70): VN049246.D (-1316) (-)

Ion 86.00 (85.70 to 86.70): VN049246.D (-1316) (-)





#43

Ethyl Acetate

Concen: 16.69 ug/l

RT: 6.94 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VN049755.D

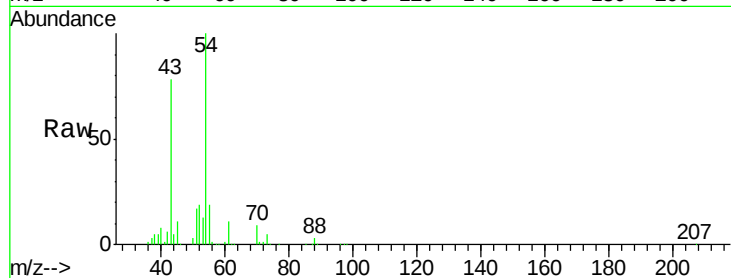
Acq: 11 Jul 2018 10:46

Tot Ion: 43 Resp: 234480

Ion Ratio Lower Upper

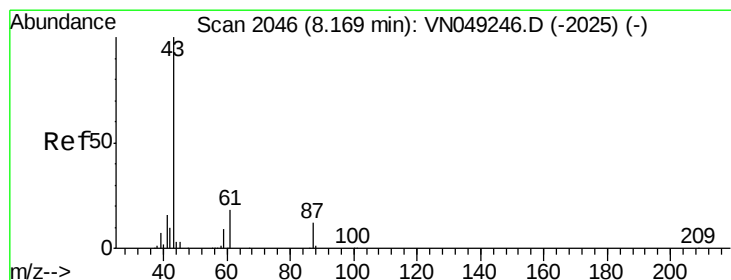
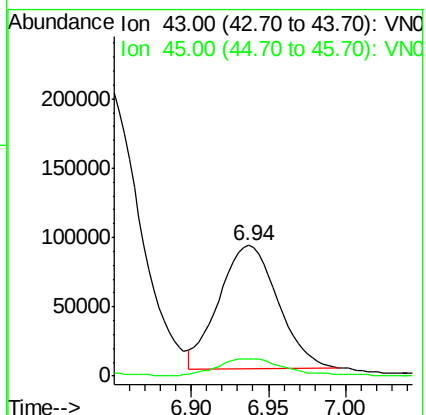
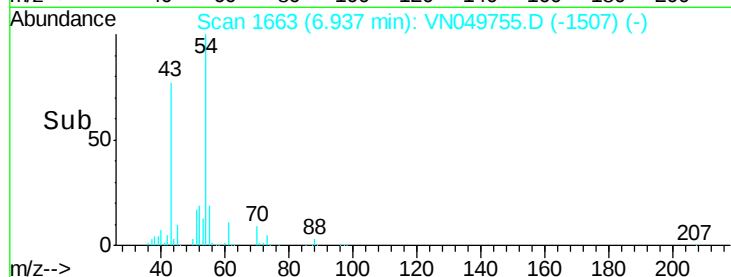
43 100

45 16.3 13.0 19.6



Abundance Ion 43.00 (42.70 to 43.70): VN049755.D (-1507) (-)

Ion 45.00 (44.70 to 45.70): VN049755.D (-1507) (-)



#44

Isopropyl Acetate

Concen: 17.47 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN049755.D

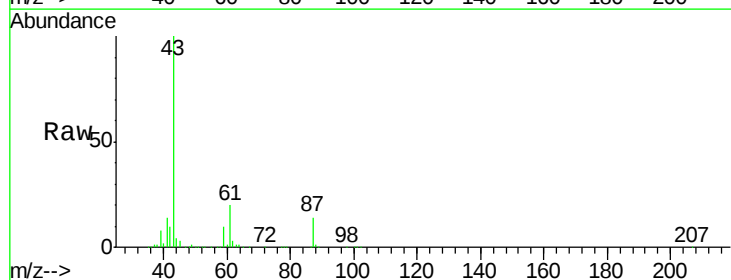
Acq: 11 Jul 2018 10:46

Tgt Ion: 43 Resp: 468829

Ion Ratio Lower Upper

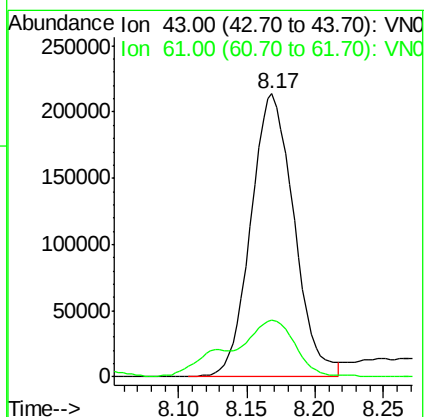
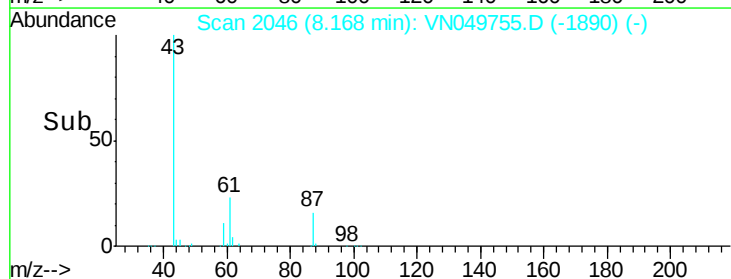
43 100

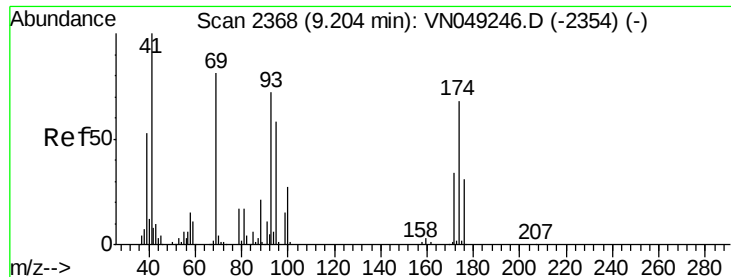
61 20.5 16.4 24.6



Abundance Ion 43.00 (42.70 to 43.70): VN049755.D (-1890) (-)

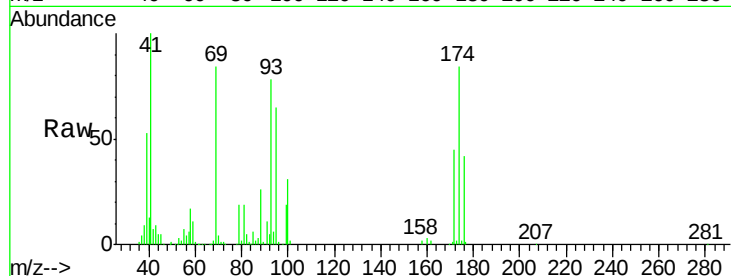
Ion 61.00 (60.70 to 61.70): VN049755.D (-1890) (-)



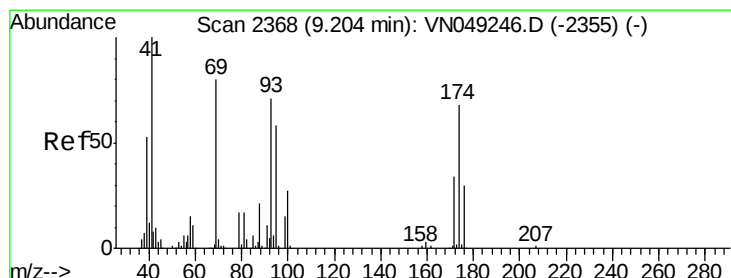
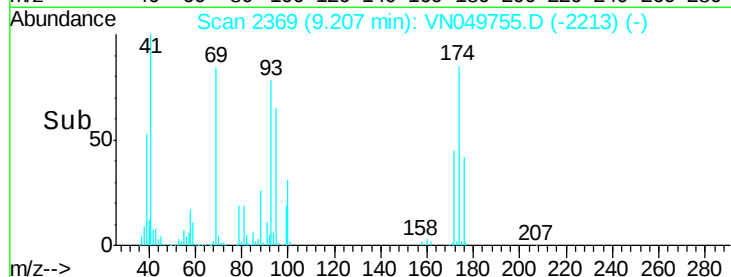
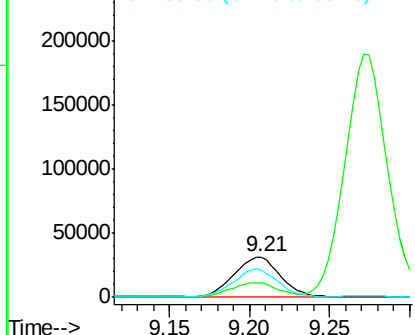


#45
1,4-Dioxane
Concen: 413.88 ug/l
RT: 9.21 min Scan# 2369
Delta R.T. 0.00 min
Lab File: VN049755.D
Acq: 11 Jul 2018 10:46

Tot Ion	88	Resp	63219
Ion Ratio	Lower	Upper	
88	100		
43	33.6	26.9	40.3
58	67.0	53.6	80.4

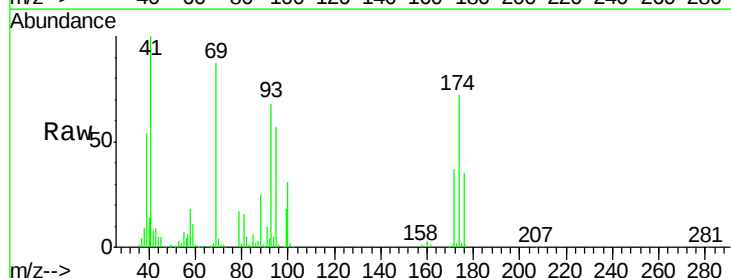


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

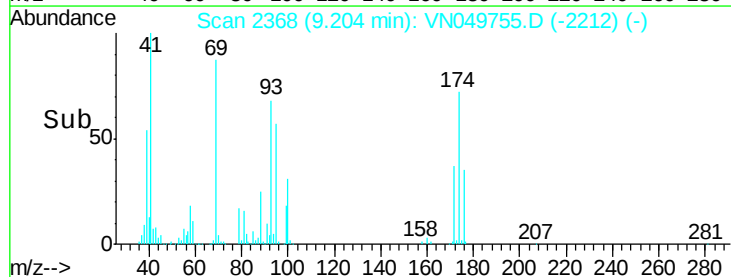
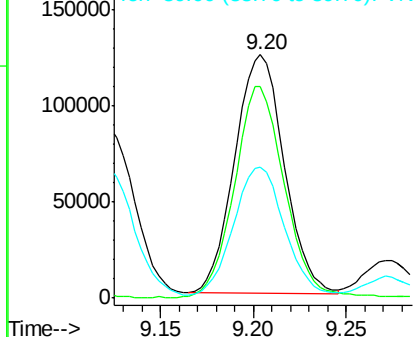


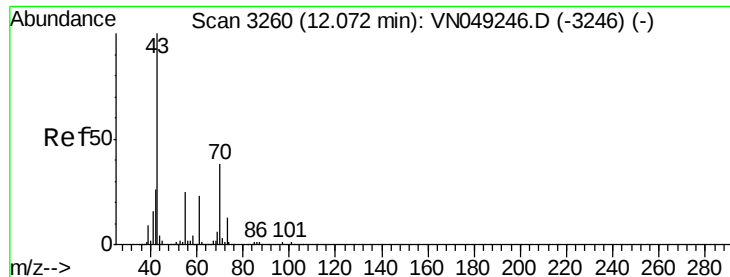
#46
Methyl methacrylate
Concen: 18.03 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN049755.D
Acq: 11 Jul 2018 10:46

Tgt Ion	41	Resp	228996
Ion Ratio	Lower	Upper	
41	100		
69	88.1	44.0	132.1
39	53.9	27.0	80.8



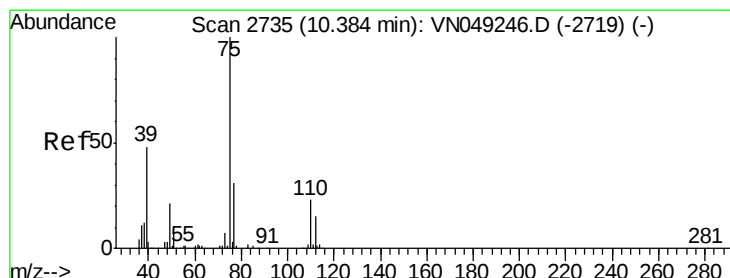
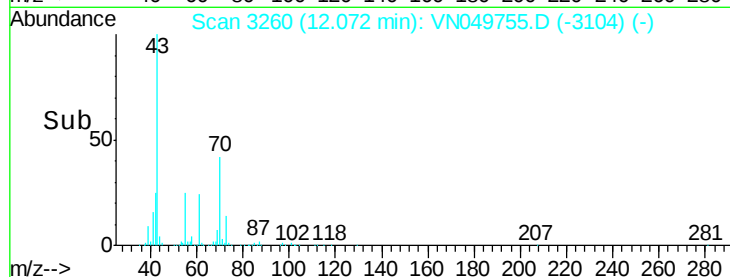
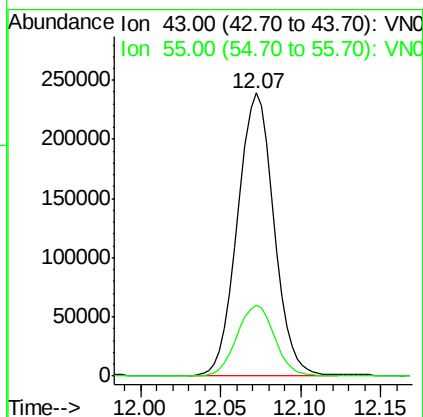
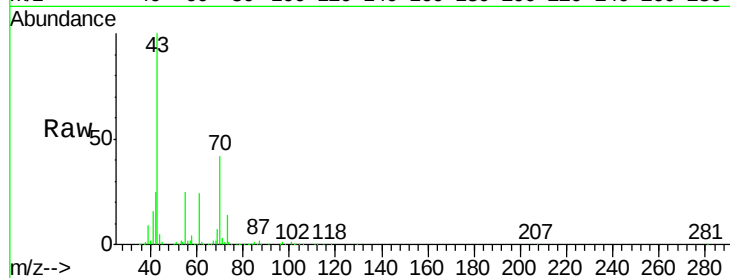
Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0





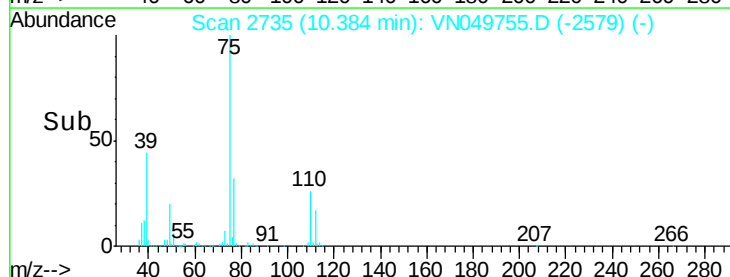
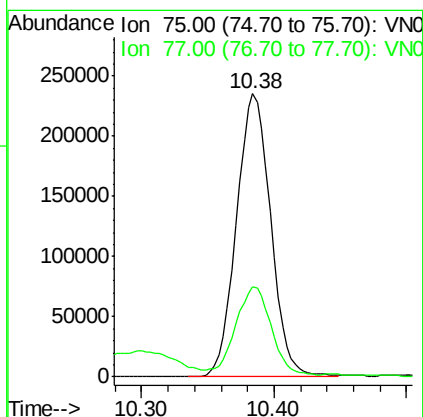
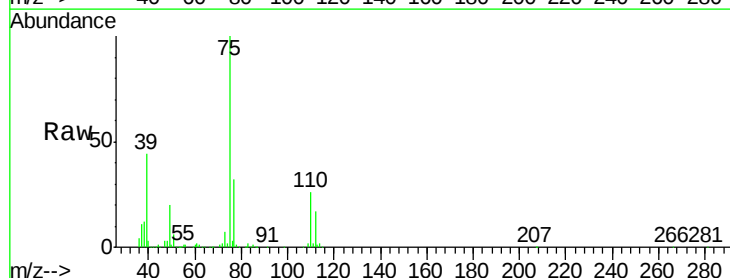
#47
n-amyl Acetate
Concen: 17.29 ug/l
RT: 12.07 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN049755.D
Acq: 11 Jul 2018 10:46

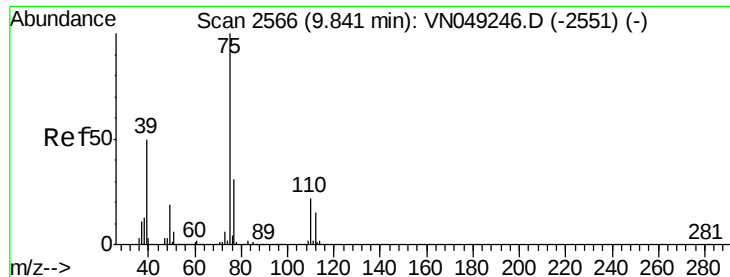
Tot Ion: 43 Resp: 368908
Ion Ratio Lower Upper
43 100
55 26.2 21.0 31.4



#48
t-1,3-Dichloropropene
Concen: 18.60 ug/l
RT: 10.38 min Scan# 2735
Delta R.T. 0.00 min
Lab File: VN049755.D
Acq: 11 Jul 2018 10:46

Tgt Ion: 75 Resp: 421896
Ion Ratio Lower Upper
75 100
77 30.8 24.6 37.0

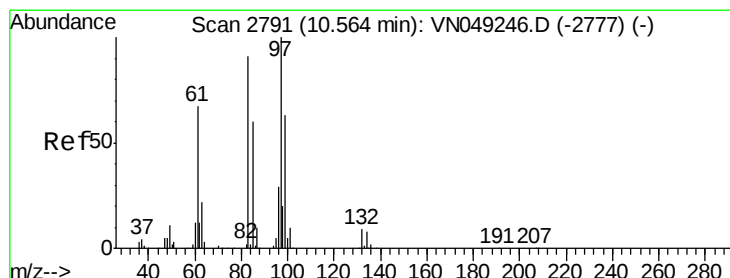
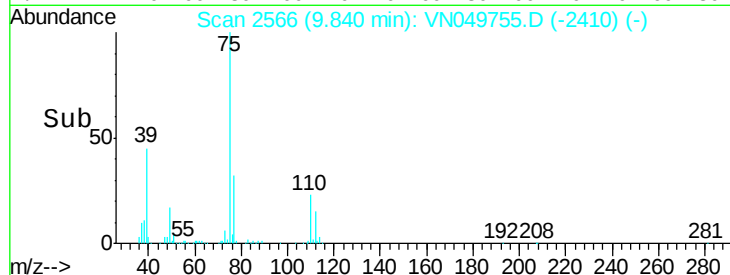
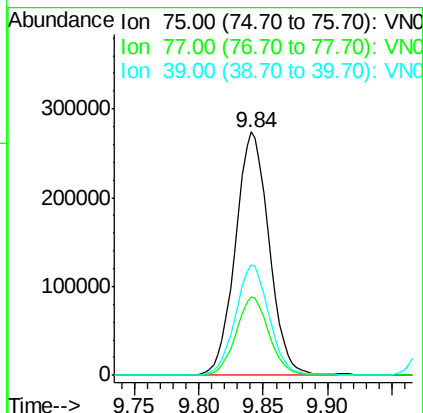
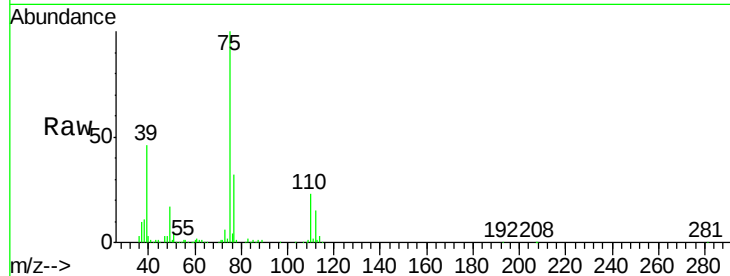




#49

cis-1,3-Dichloropropene
Concen: 18.89 ug/l
RT: 9.84 min Scan# 2566
Delta R.T. 0.00 min
Lab File: VN049755.D
Acq: 11 Jul 2018 10:46

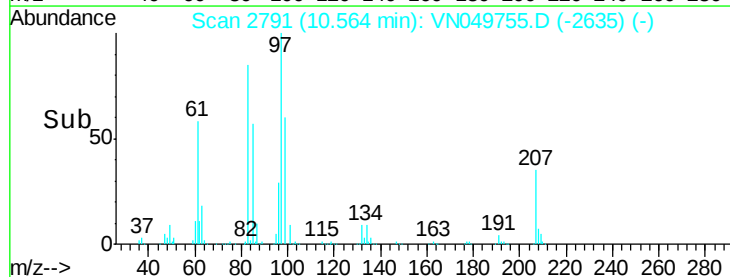
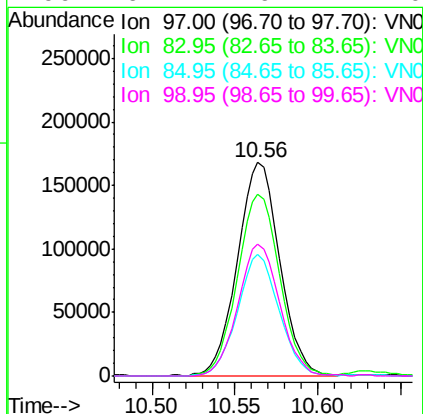
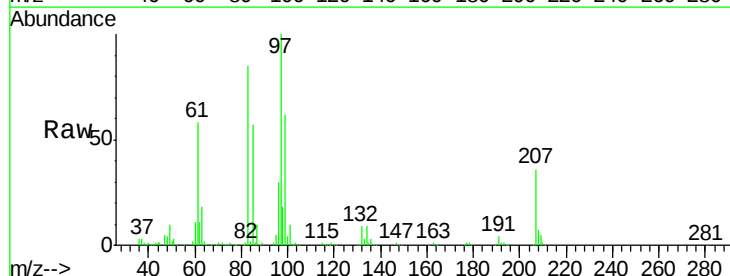
Tot Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.7	38.5
39	45.4	36.3	54.5

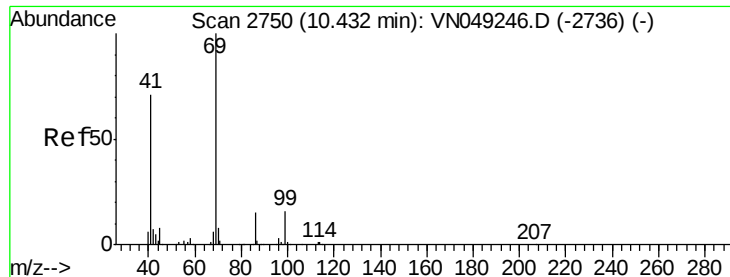


#50

1,1,2-Trichloroethane
Concen: 19.94 ug/l
RT: 10.56 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN049755.D
Acq: 11 Jul 2018 10:46

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.1	68.1	102.1
85	56.8	45.4	68.2
99	61.7	49.4	74.0





#51

Ethyl methacrylate

Concen: 18.24 ug/l

RT: 10.43 min Scan# 2750

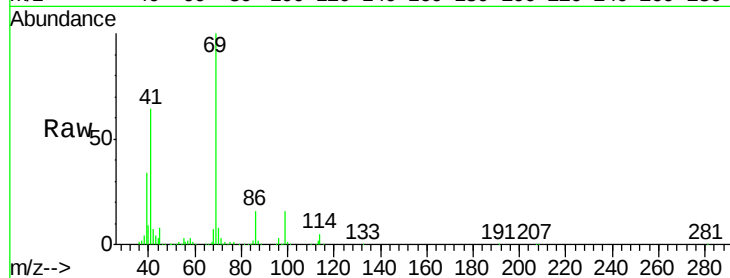
Delta R.T. 0.00 min

Lab File: VN049755.D

Acq: 11 Jul 2018 10:46

Tot Ion: 69 Resp: 340517

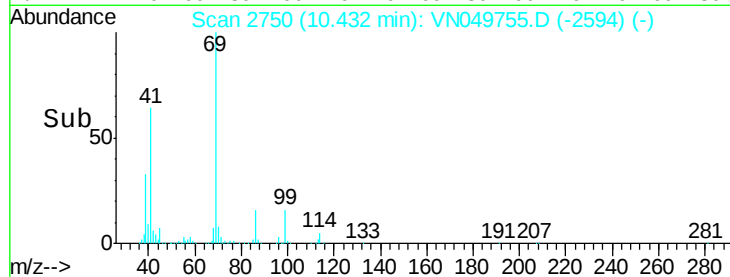
Ion	Ratio	Lower	Upper
69	100		
41	63.9	31.9	95.9
39	33.4	16.7	50.1



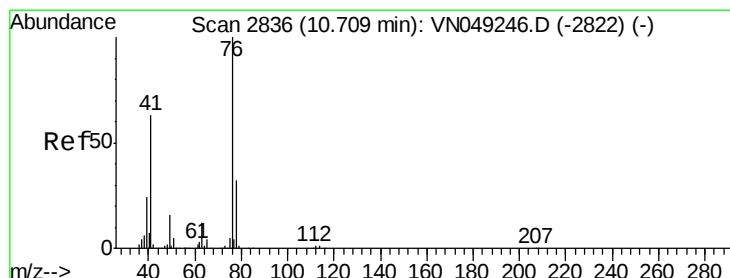
Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



Time-->



#52

1,3-Dichloropropane

Concen: 18.96 ug/l

RT: 10.71 min Scan# 2836

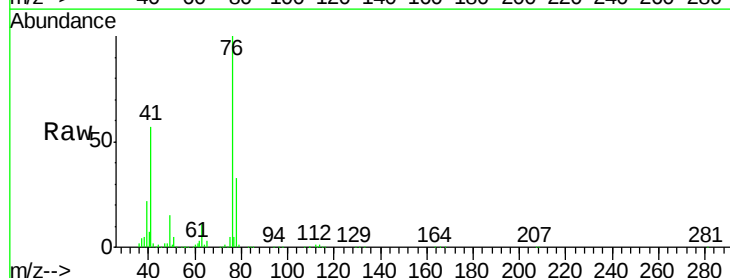
Delta R.T. 0.00 min

Lab File: VN049755.D

Acq: 11 Jul 2018 10:46

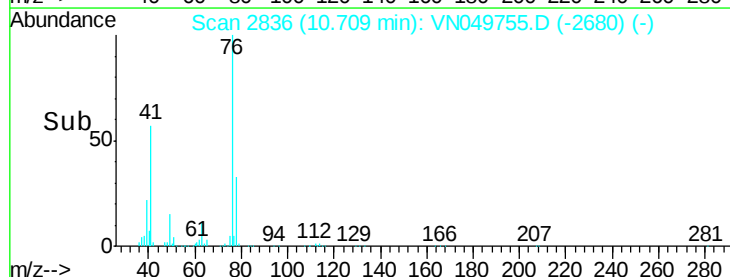
Tgt Ion: 76 Resp: 483844

Ion	Ratio	Lower	Upper
76	100		
78	32.8	0.0	65.6

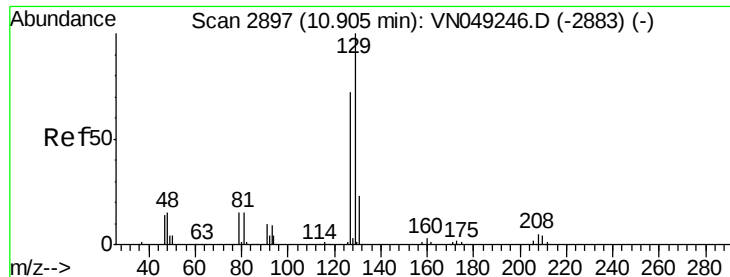


Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0



Time-->



#53

Dibromochloromethane

Concen: 19.77 ug/l

RT: 10.90 min Scan# 2897

Delta R.T. 0.00 min

Lab File: VN049755.D

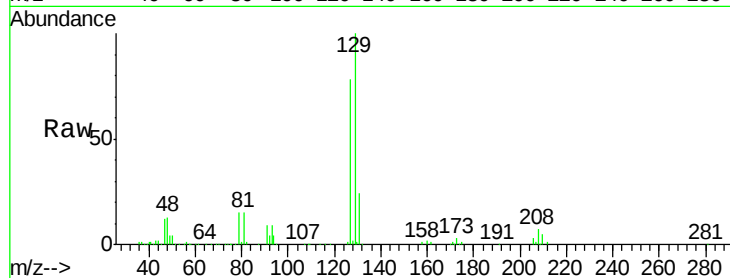
Acq: 11 Jul 2018 10:46

Tot Ion:129 Resp: 330212

Ion Ratio Lower Upper

129 100

127 76.3 38.1 114.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

10.90

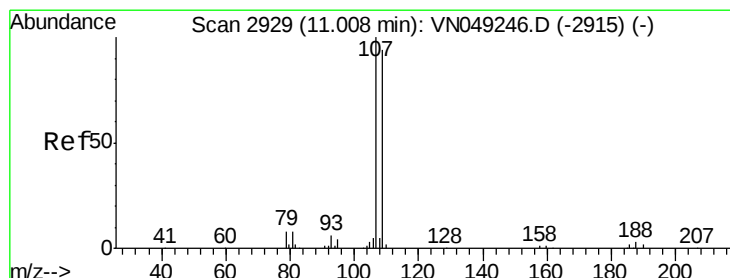
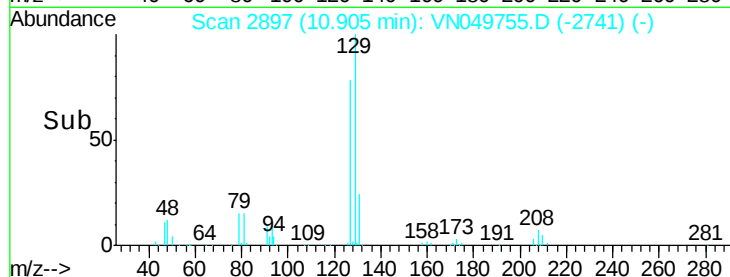
150000

100000

50000

0

Time-->



#54

1,2-Dibromoethane

Concen: 19.91 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VN049755.D

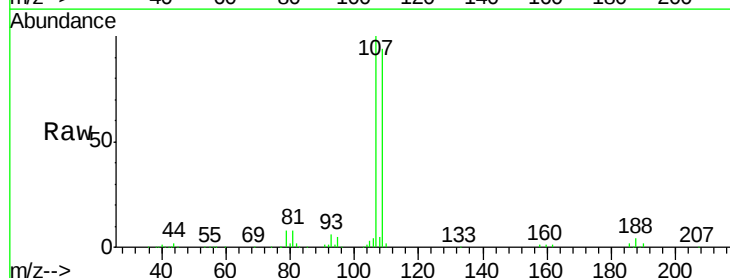
Acq: 11 Jul 2018 10:46

Tgt Ion:107 Resp: 278998

Ion Ratio Lower Upper

107 100

109 95.2 76.2 114.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

11.01

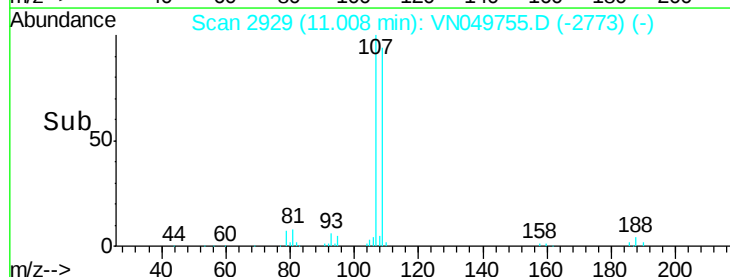
150000

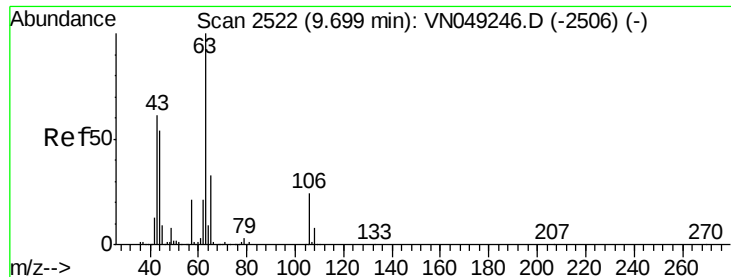
100000

50000

0

Time-->





#55

2-Chloroethyl vinyl ether

Concen: 128.31 ug/l

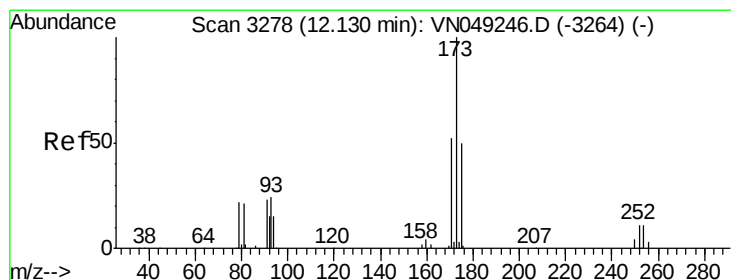
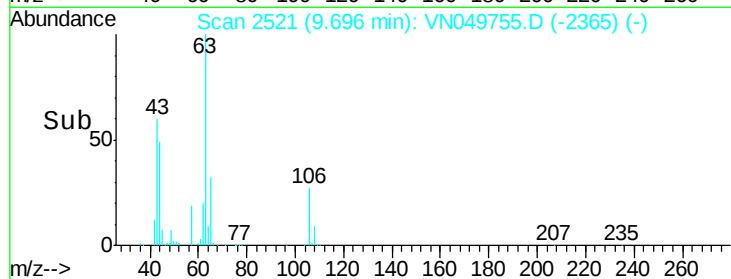
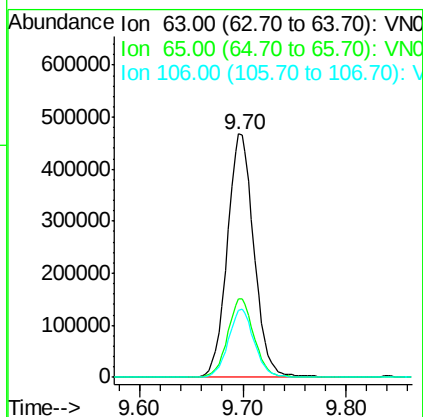
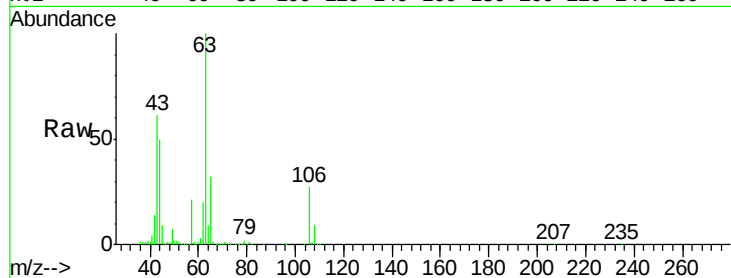
RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN049755.D

Acq: 11 Jul 2018 10:46

Tot Ion:	63	Resp:	844487
Ion	Ratio	Lower	Upper
63	100		
65	31.9	25.5	38.3
106	27.2	21.8	32.6



#56

Bromoform

Concen: 20.56 ug/l

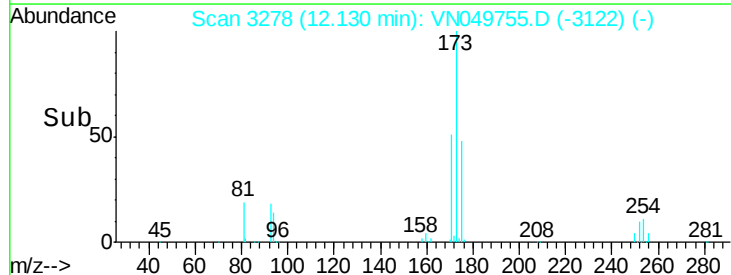
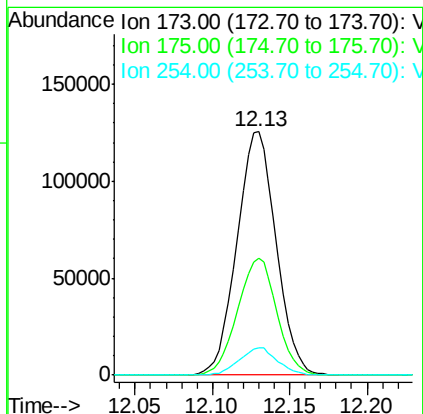
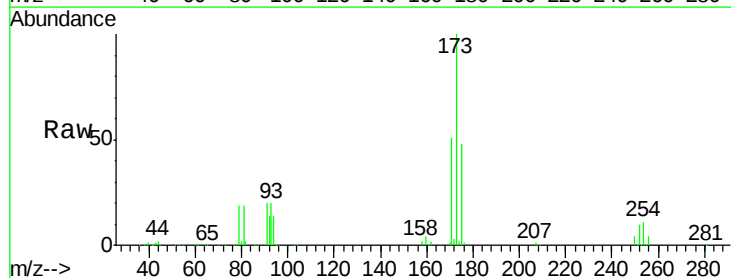
RT: 12.13 min Scan# 3278

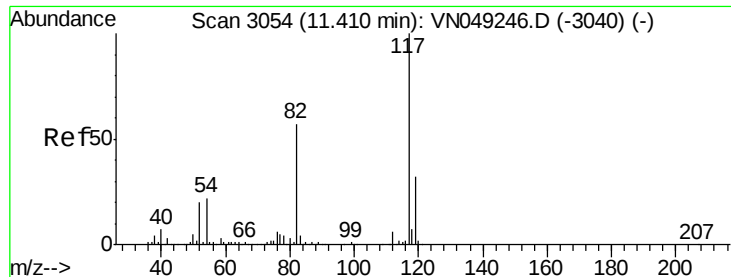
Delta R.T. 0.00 min

Lab File: VN049755.D

Acq: 11 Jul 2018 10:46

Tgt Ion:	173	Resp:	221030
Ion	Ratio	Lower	Upper
173	100		
175	48.2	38.6	57.8
254	11.0	8.8	13.2

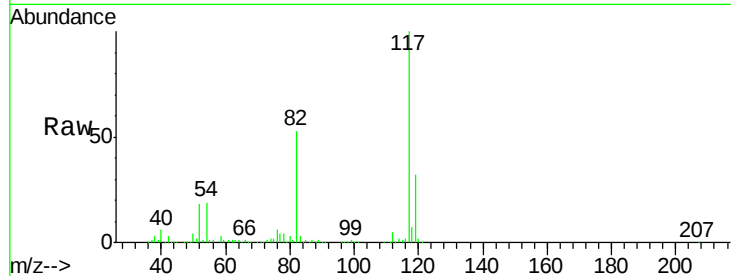




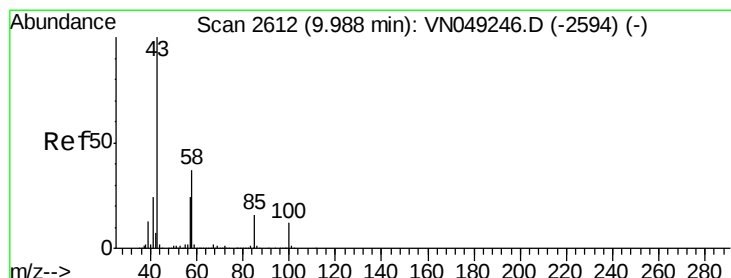
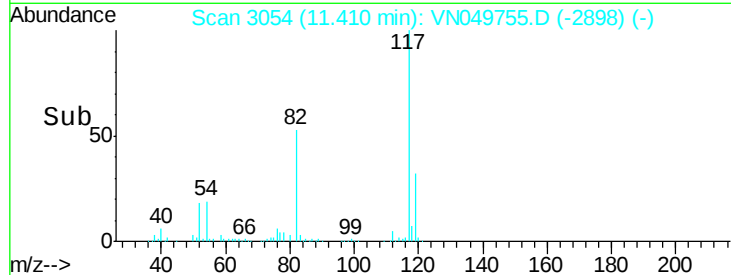
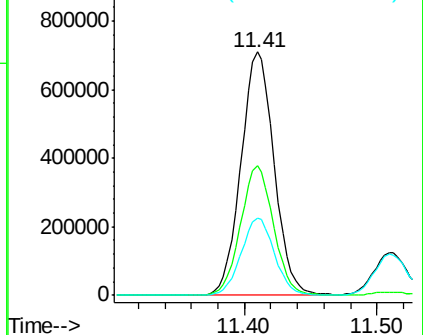
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049755.D
Acq: 11 Jul 2018 10:46

Tot Ion:117 Resp: 1232599

Ion	Ratio	Lower	Upper
117	100		
82	53.0	42.4	63.6
119	31.7	25.4	38.0



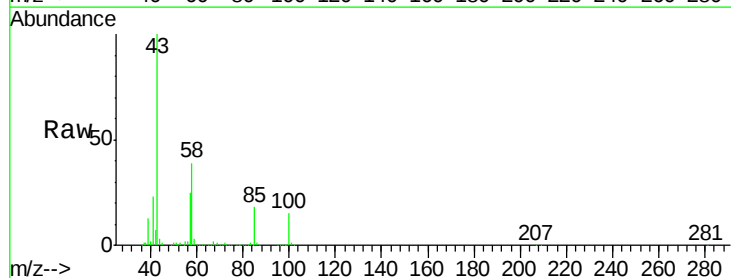
Abundance Ion 117.00 (116.70 to 117.70): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 119.00 (118.70 to 119.70): V



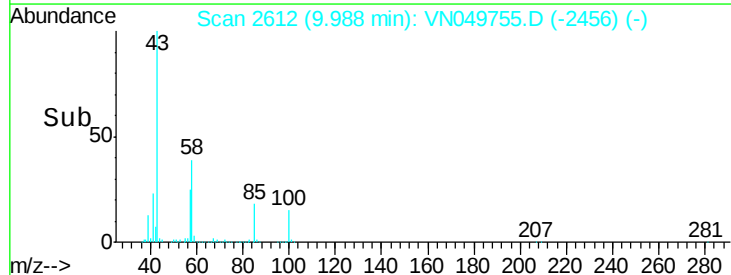
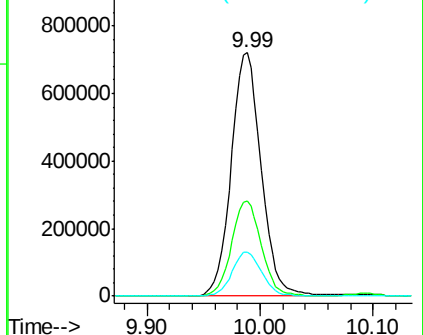
#58
4-Methyl-2-Pentanone
Concen: 95.24 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN049755.D
Acq: 11 Jul 2018 10:46

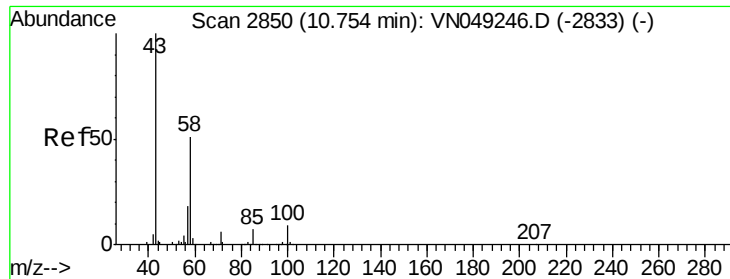
Tgt Ion: 43 Resp: 1325805

Ion	Ratio	Lower	Upper
43	100		
58	39.0	31.2	46.8
85	18.0	14.4	21.6



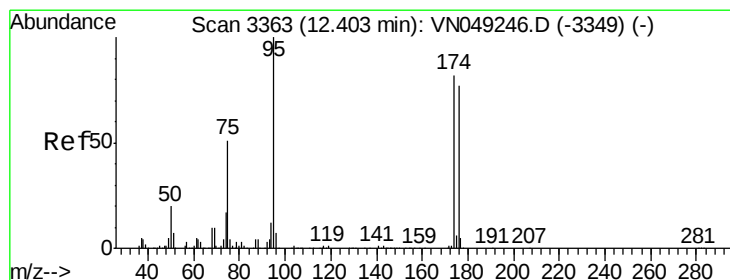
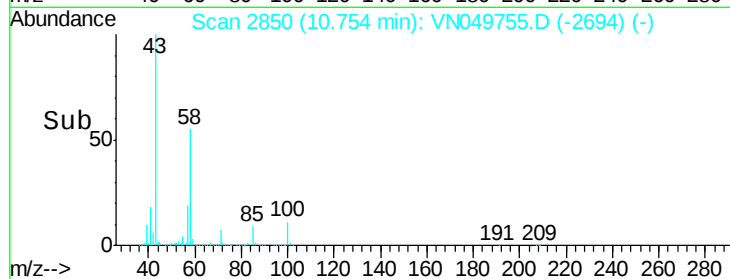
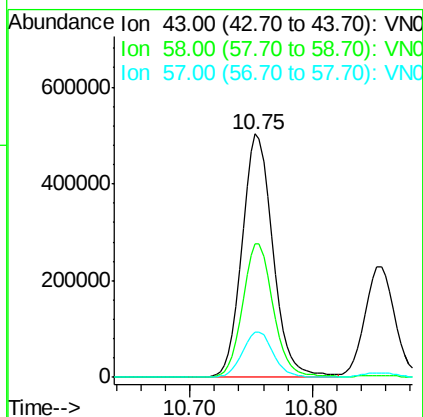
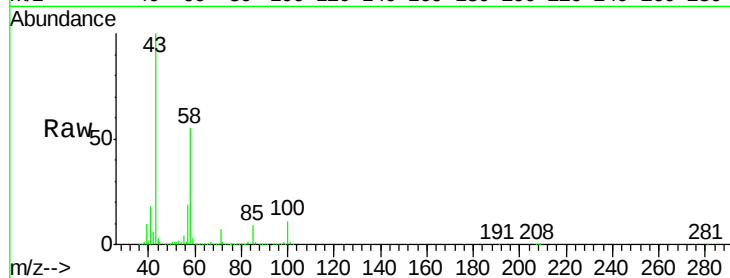
Abundance Ion 43.00 (42.70 to 43.70): V
 Ion 58.00 (57.70 to 58.70): V
 Ion 85.00 (84.70 to 85.70): V





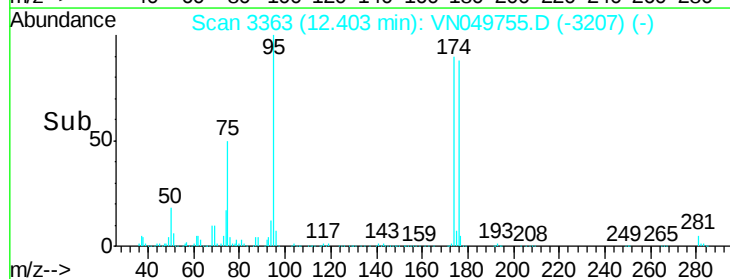
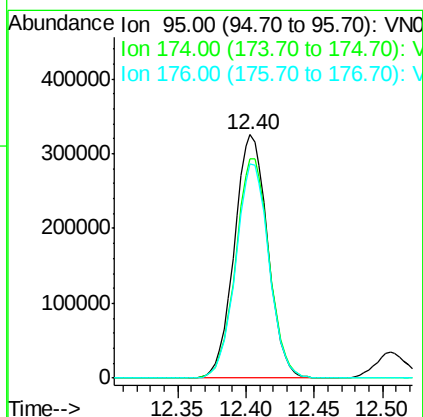
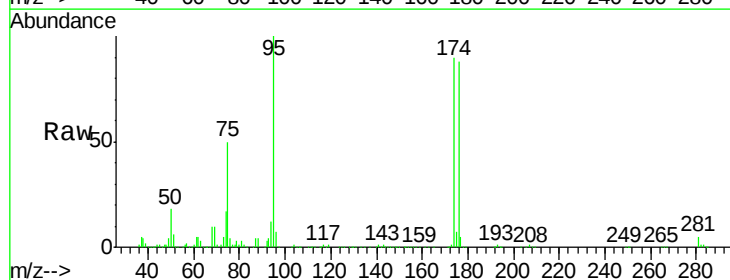
#59
2-Hexanone
Concen: 98.82 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049755.D
Acq: 11 Jul 2018 10:46

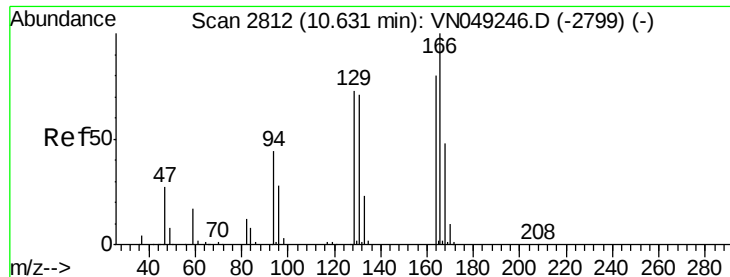
Tot Ion	Ratio	Lower	Upper
43	100		
58	54.8	43.8	65.8
57	18.9	15.1	22.7



#60
4-Bromofluorobenzene
Concen: 28.53 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049755.D
Acq: 11 Jul 2018 10:46

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.4	72.3	108.5
176	87.5	70.0	105.0





#61

Tetrachloroethene

Concen: 19.15 ug/l

RT: 10.63 min Scan# 2813

Delta R.T. 0.00 min

Lab File: VN049755.D

Acq: 11 Jul 2018 10:46

Tot Ion:164 Resp: 308460

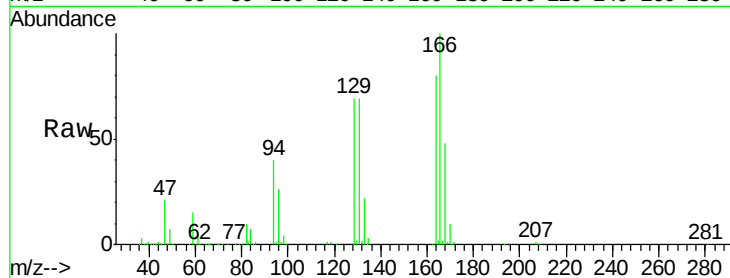
Ion Ratio Lower Upper

164 100

166 125.0 100.0 150.0

129 86.6 69.3 103.9

131 86.0 68.8 103.2

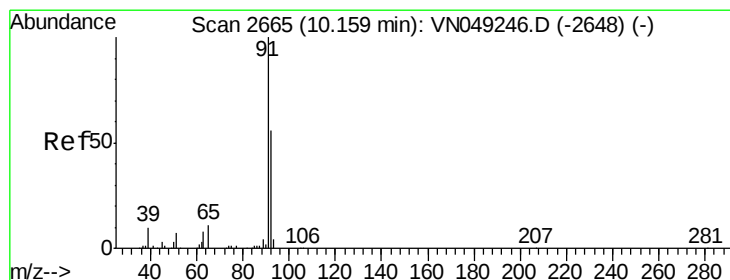
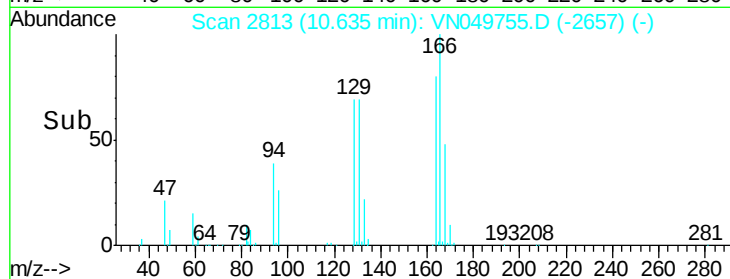
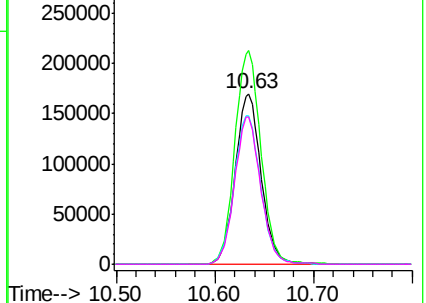


Abundance Ion 163.85 (163.55 to 164.55): V

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: 19.47 ug/l

RT: 10.16 min Scan# 2665

Delta R.T. 0.00 min

Lab File: VN049755.D

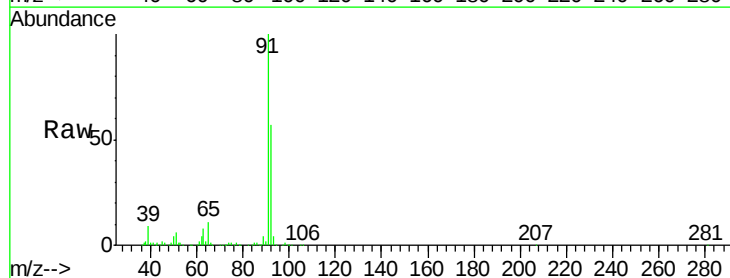
Acq: 11 Jul 2018 10:46

Tgt Ion: 91 Resp: 1391141

Ion Ratio Lower Upper

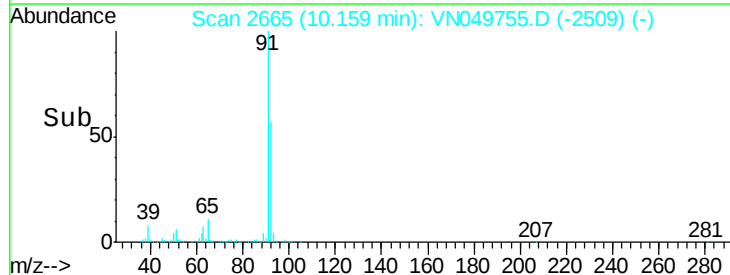
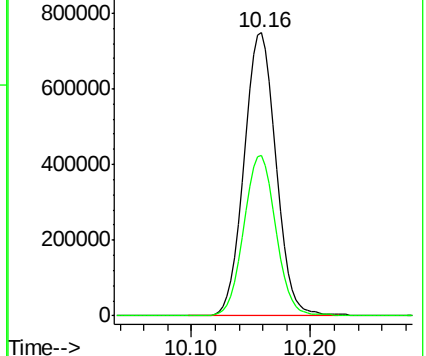
91 100

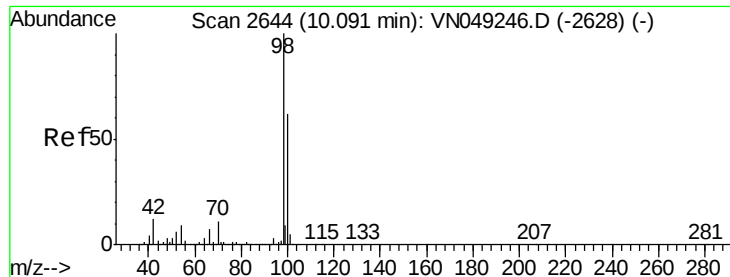
92 57.1 45.7 68.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 29.73 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049755.D

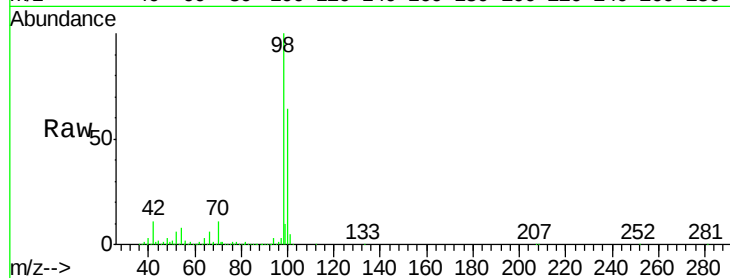
Acq: 11 Jul 2018 10:46

Tot Ion: 98 Resp: 1757815

Ion Ratio Lower Upper

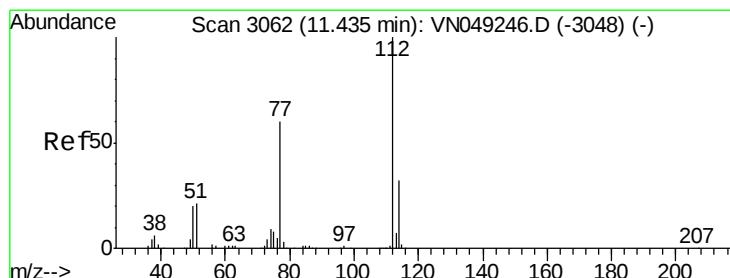
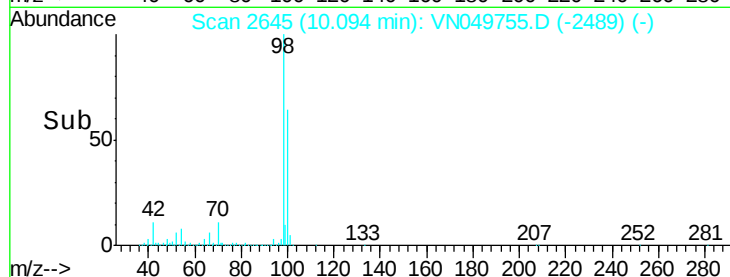
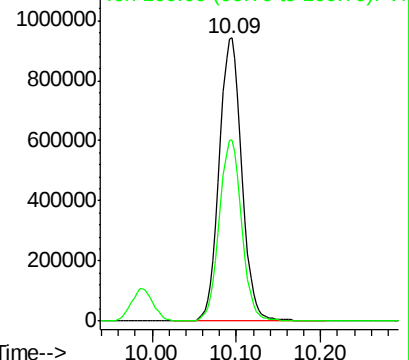
98 100

100 64.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#64

Chlorobenzene

Concen: 19.83 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049755.D

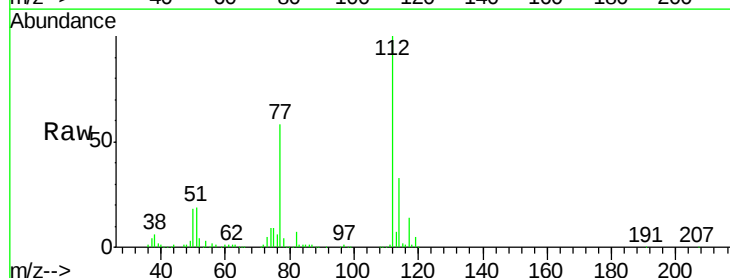
Acq: 11 Jul 2018 10:46

Tgt Ion: 112 Resp: 836770

Ion Ratio Lower Upper

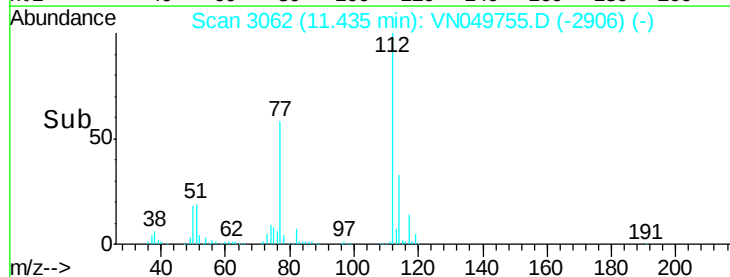
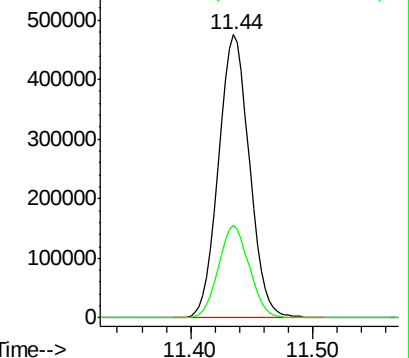
112 100

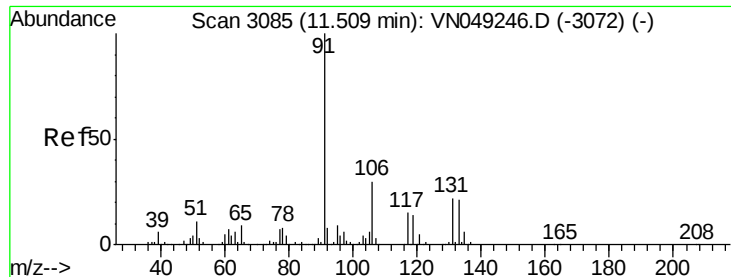
114 32.7 26.2 39.2



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V





#65

1,1,1,2-Tetrachloroethane

Concen: 20.19 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. 0.00 min

Lab File: VN049755.D

Acq: 11 Jul 2018 10:46

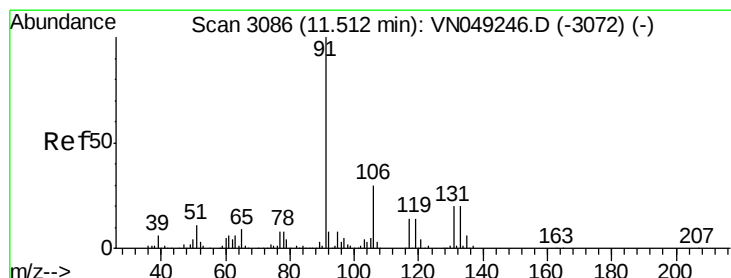
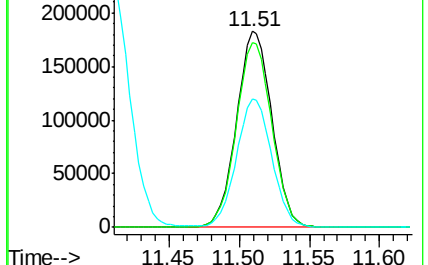
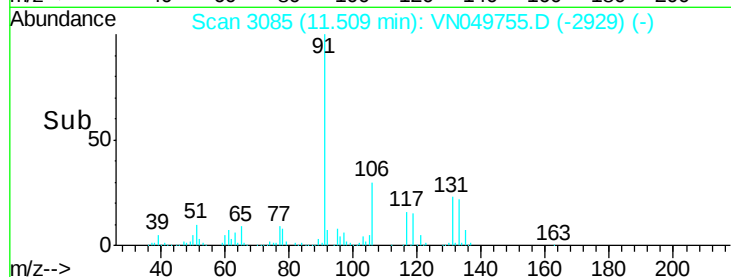
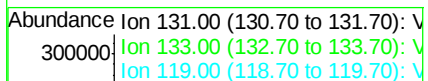
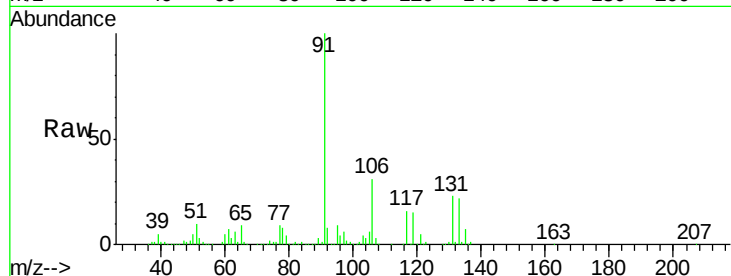
Tot Ion:131 Resp: 320522

Ion Ratio Lower Upper

131 100

133 95.0 0.0 190.0

119 65.8 0.0 131.6



#66

Ethyl Benzene

Concen: 19.05 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049755.D

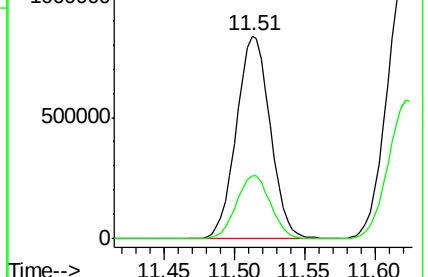
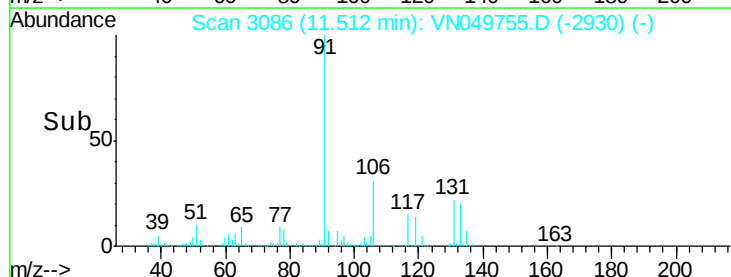
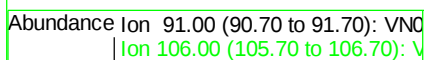
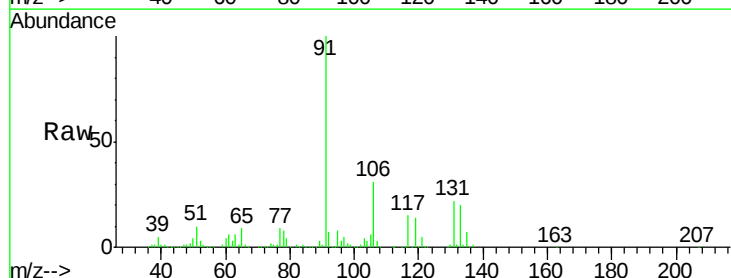
Acq: 11 Jul 2018 10:46

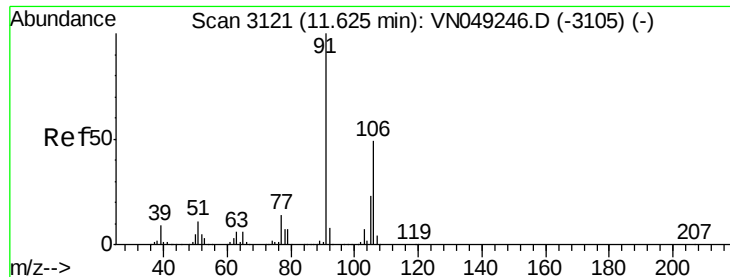
Tgt Ion: 91 Resp: 1412677

Ion Ratio Lower Upper

91 100

106 31.4 25.1 37.7





#67

m/p-Xvlenes

Concen: 39.68 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.00 min

Lab File: VN049755.D

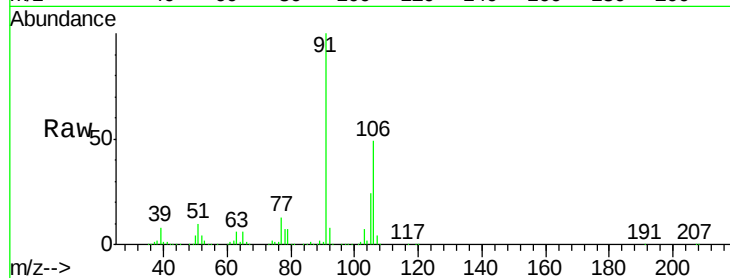
Acq: 11 Jul 2018 10:46

Tot Ion:106 Resp: 1102411

Ion Ratio Lower Upper

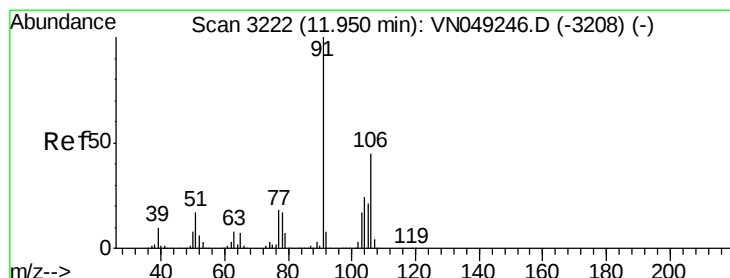
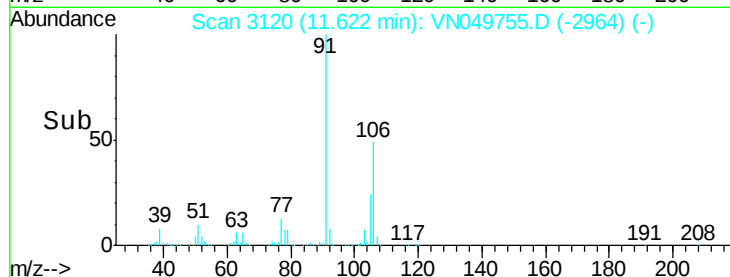
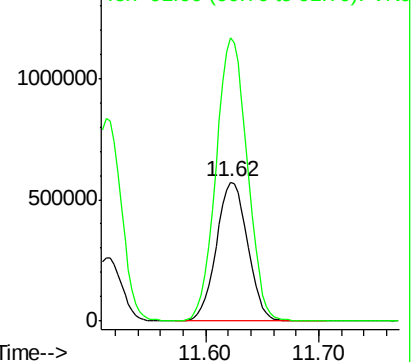
106 100

91 203.1 162.5 243.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#68

o-Xylene

Concen: 19.39 ug/l

RT: 11.95 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN049755.D

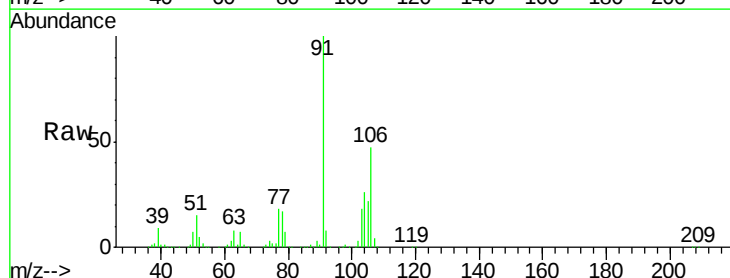
Acq: 11 Jul 2018 10:46

Tgt Ion:106 Resp: 522138

Ion Ratio Lower Upper

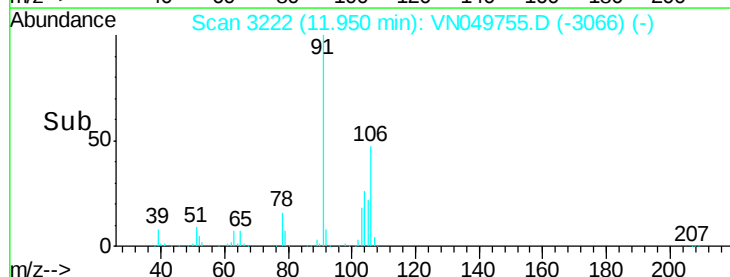
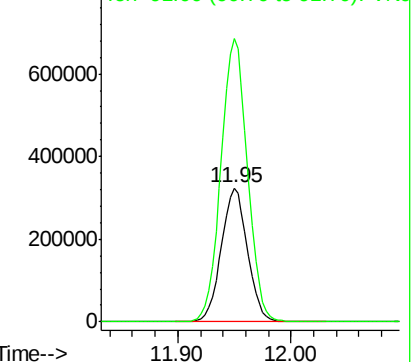
106 100

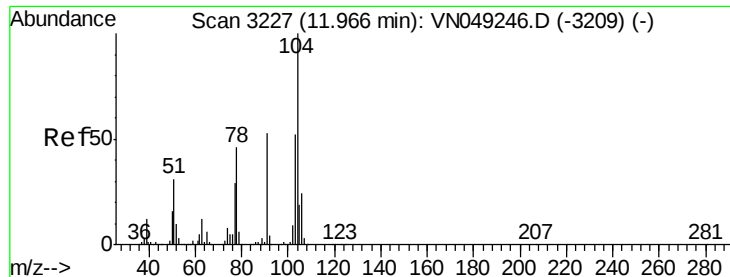
91 213.6 106.8 320.4



Abundance Ion 106.00 (105.70 to 106.70): V

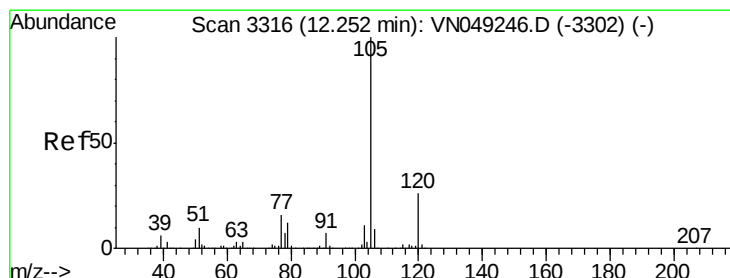
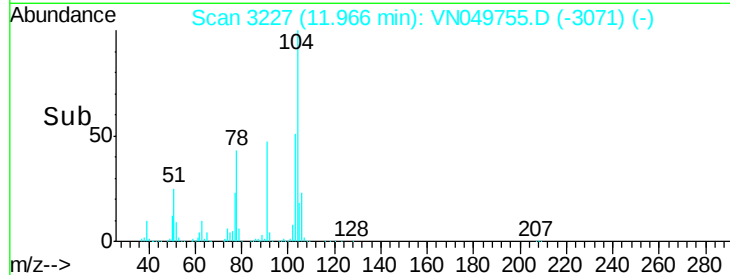
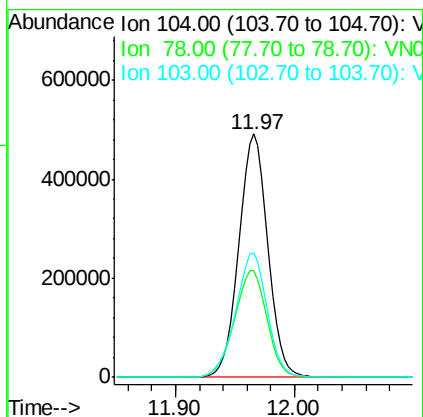
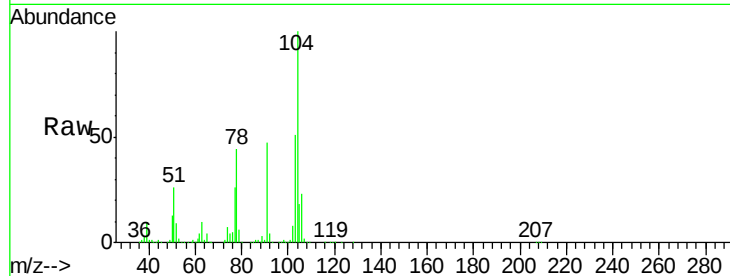
Ion 91.00 (90.70 to 91.70): VN0





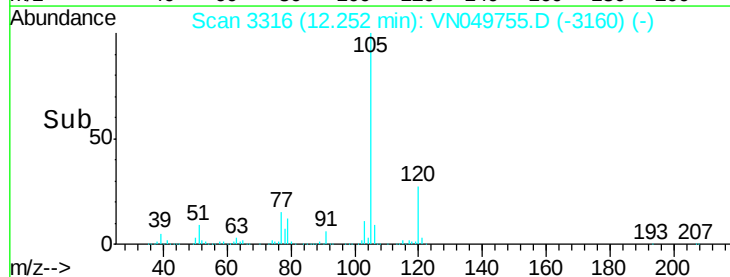
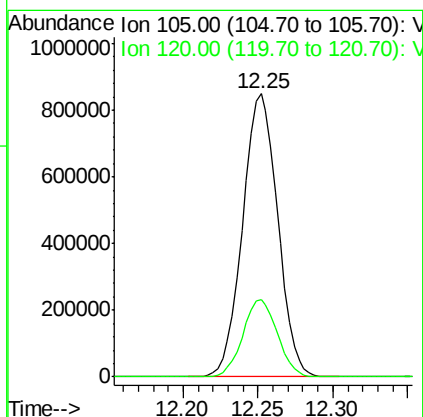
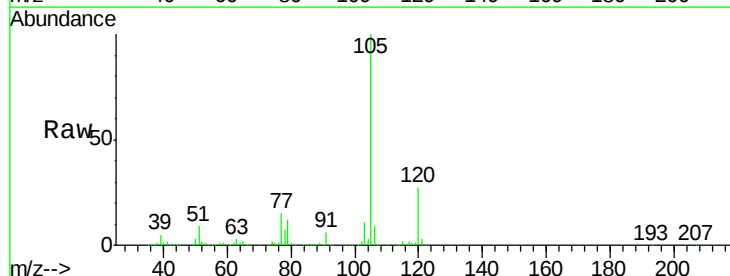
#69
Stvrene
Concen: 19.30 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049755.D
Acq: 11 Jul 2018 10:46

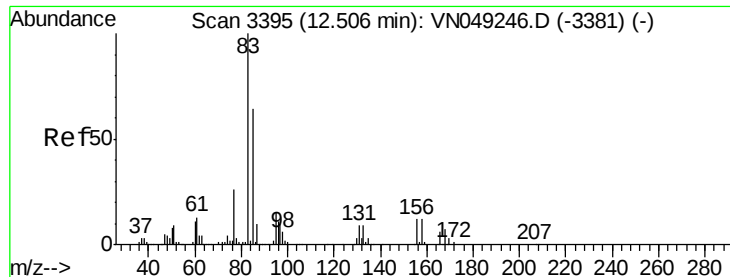
Tot Ion:104 Resp: 828470
Ion Ratio Lower Upper
104 100
78 49.1 39.3 58.9
103 55.6 44.5 66.7



#70
Isopropylbenzene
Concen: 19.42 ug/l
RT: 12.25 min Scan# 3316
Delta R.T. 0.00 min
Lab File: VN049755.D
Acq: 11 Jul 2018 10:46

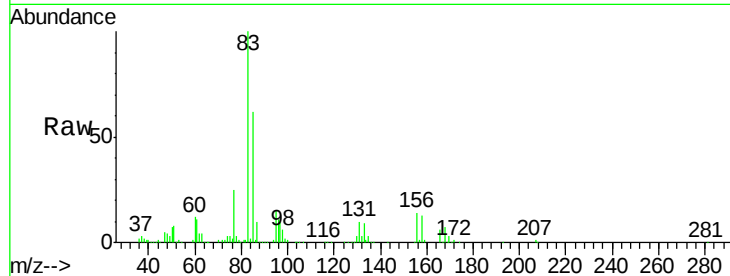
Tgt Ion:105 Resp: 1385555
Ion Ratio Lower Upper
105 100
120 27.0 18.9 35.1



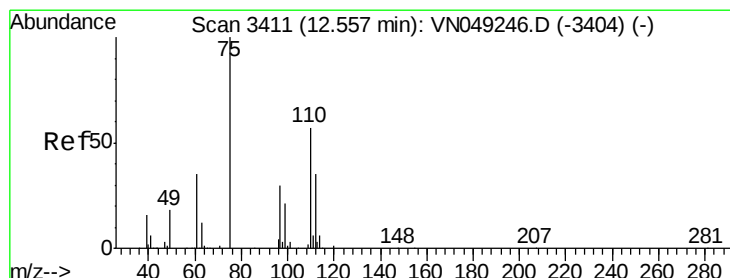
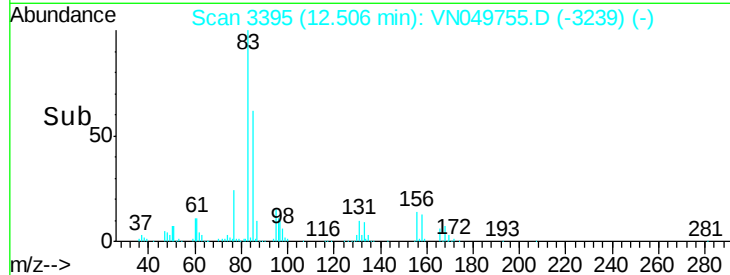
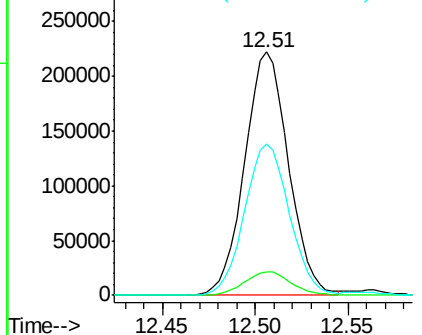


#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.95 ug/l
 RT: 12.51 min Scan# 3395
 Delta R.T. 0.00 min
 Lab File: VN049755.D
 Acq: 11 Jul 2018 10:46

Tot Ion	83	Resp	366826
Ion Ratio	100	Lower	Upper
83	100		
131	10.4	5.2	15.6
85	63.4	31.7	95.1

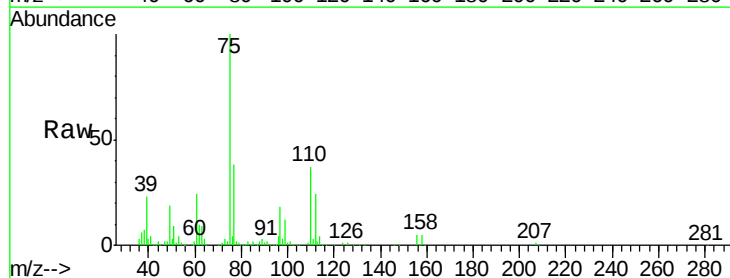


Abundance Ion 83.00 (82.70 to 83.70): VN049755.D (-3239) (-)

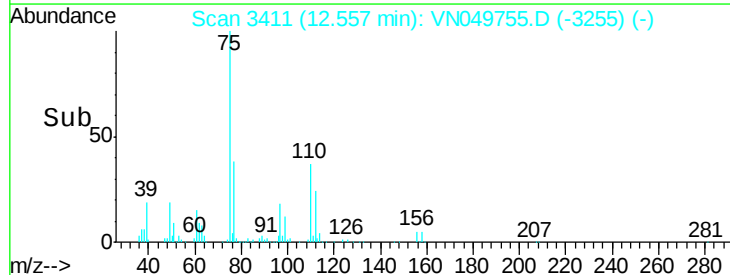
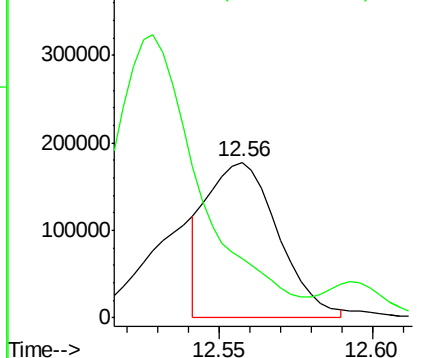


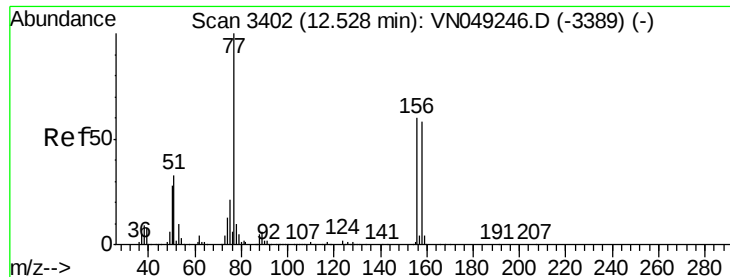
#72
 1,2,3-Trichloropropane
 Concen: 20.17 ug/l m
 RT: 12.56 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN049755.D
 Acq: 11 Jul 2018 10:46

Tgt Ion	75	Resp	285820
Ion Ratio	100	Lower	Upper
75	100		
77	227.2	0.0	454.4



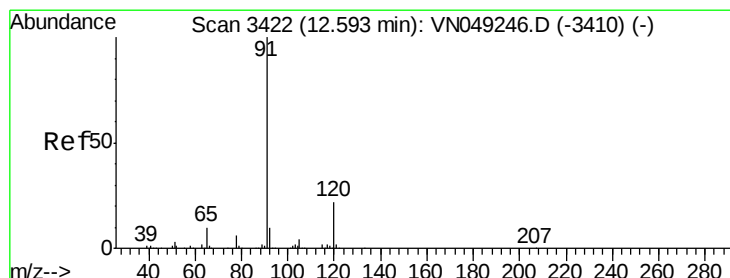
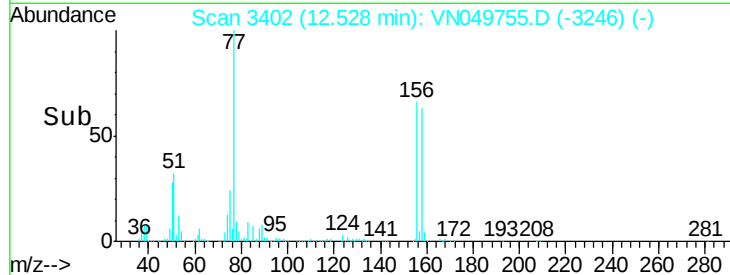
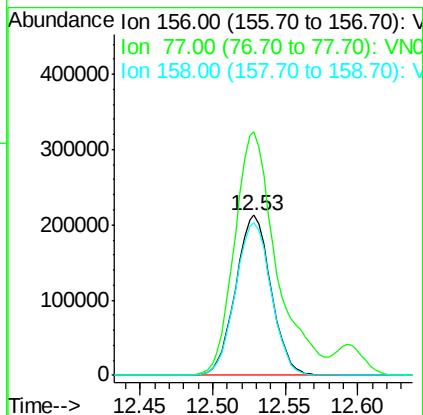
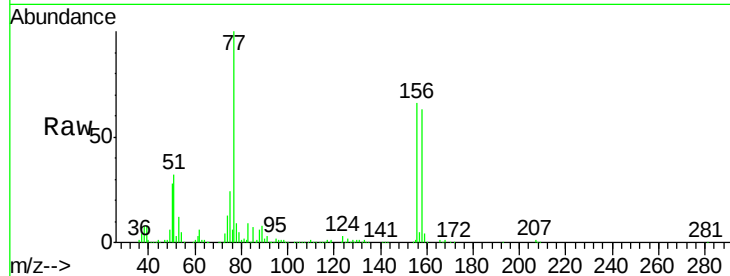
Abundance Ion 75.00 (74.70 to 75.70): VN049755.D (-3255) (-)





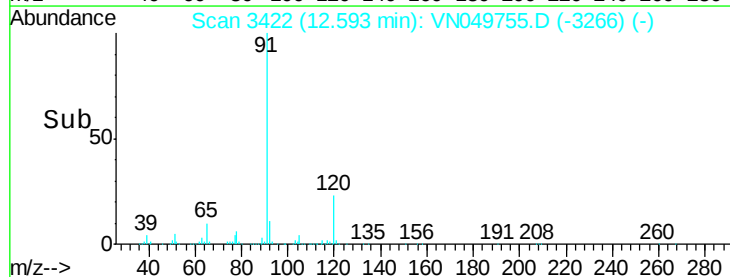
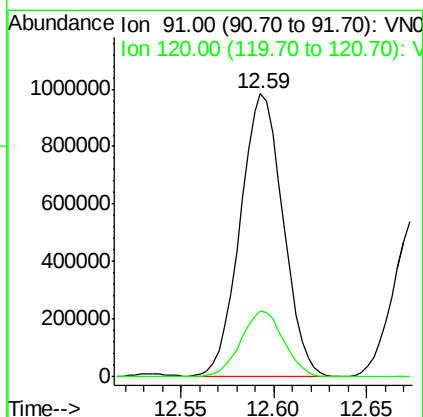
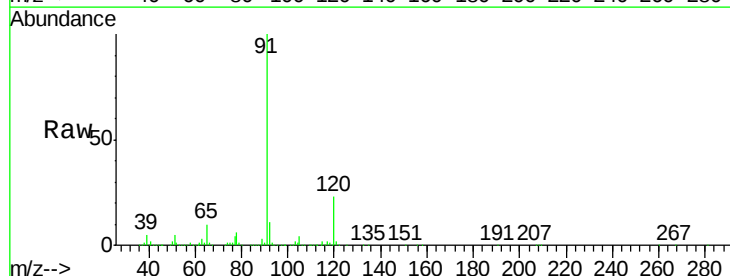
#73
Bromobenzene
Concen: 20.80 ug/l
RT: 12.53 min Scan# 3402
Delta R.T. 0.00 min
Lab File: VN049755.D
Acq: 11 Jul 2018 10:46

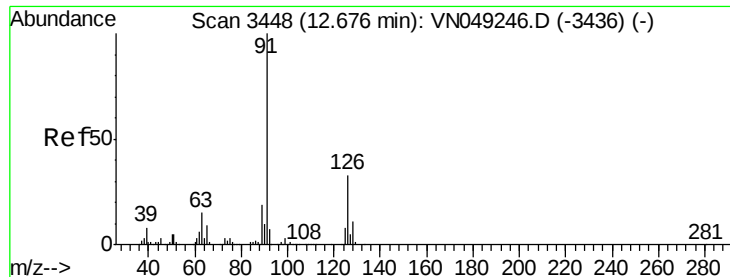
Tot Ion: 156 Resp: 360933
Ion Ratio Lower Upper
156 100
77 179.9 0.0 359.8
158 96.4 0.0 192.8



#74
n-propylbenzene
Concen: 19.09 ug/l
RT: 12.59 min Scan# 3422
Delta R.T. 0.00 min
Lab File: VN049755.D
Acq: 11 Jul 2018 10:46

Tgt Ion: 91 Resp: 1577017
Ion Ratio Lower Upper
91 100
120 23.2 0.0 46.4





#75

2-Chlorotoluene

Concen: 19.29 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049755.D

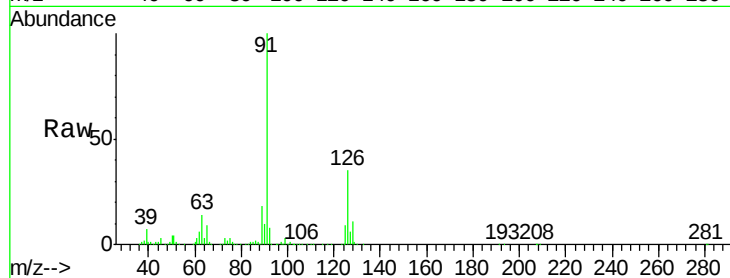
Acq: 11 Jul 2018 10:46

Tot Ion: 91 Resp: 970397

Ion Ratio Lower Upper

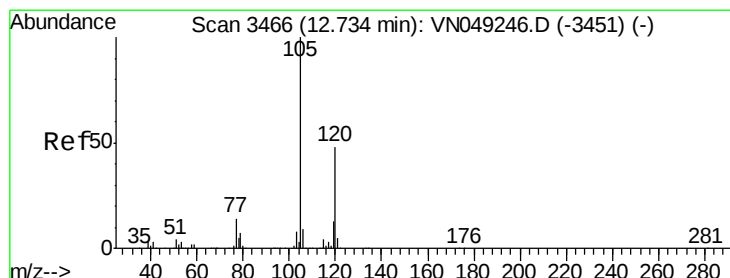
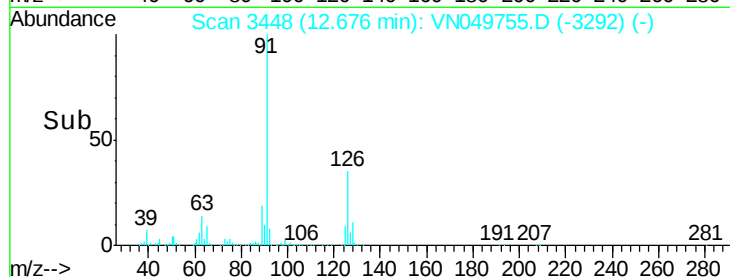
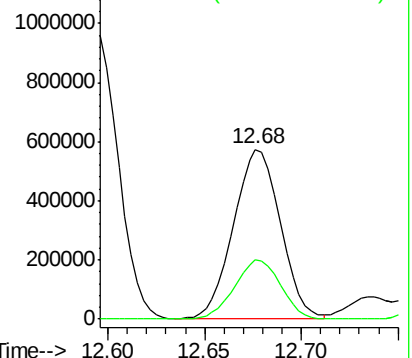
91 100

126 34.3 0.0 68.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 19.35 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049755.D

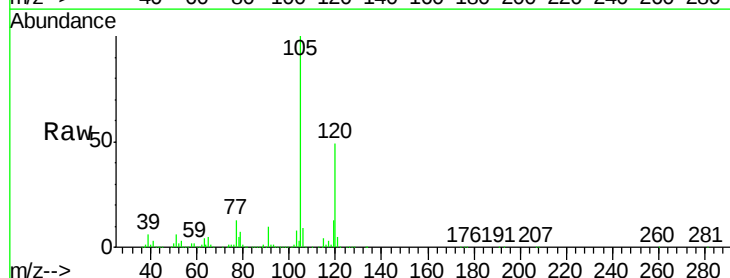
Acq: 11 Jul 2018 10:46

Tgt Ion:105 Resp: 1120969

Ion Ratio Lower Upper

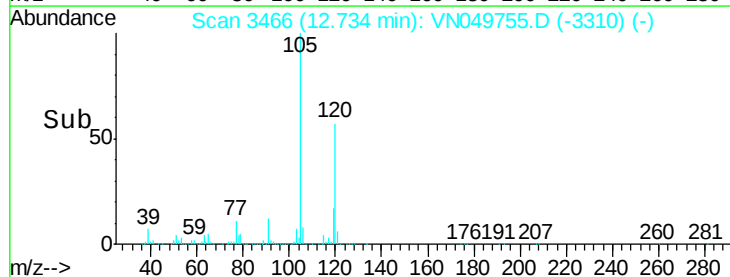
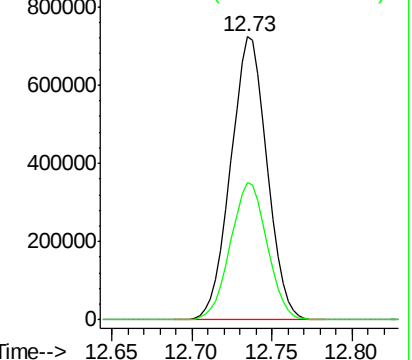
105 100

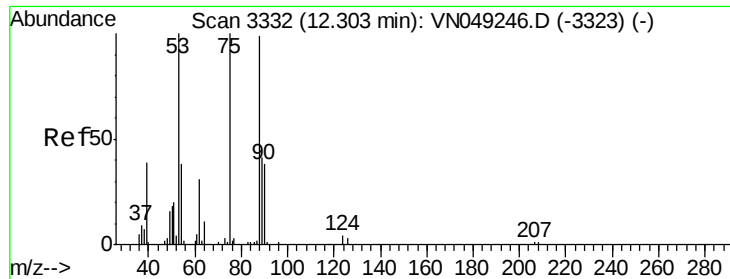
120 49.0 0.0 98.0



Abundance Ion 105.00 (104.70 to 105.70): V

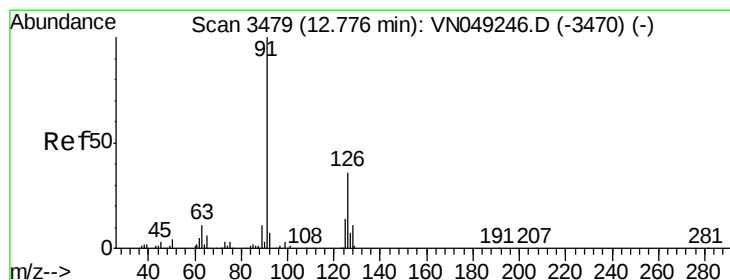
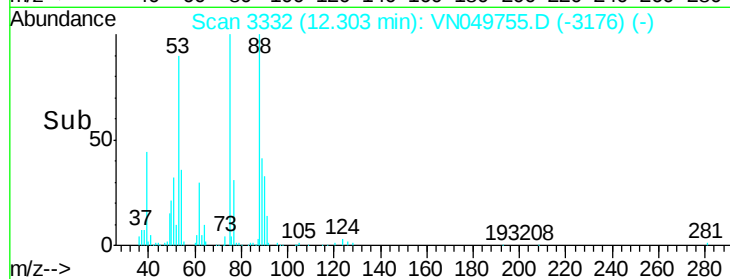
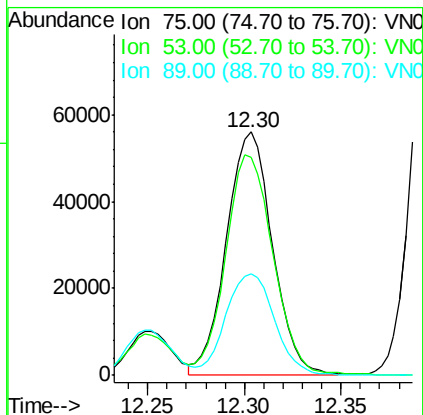
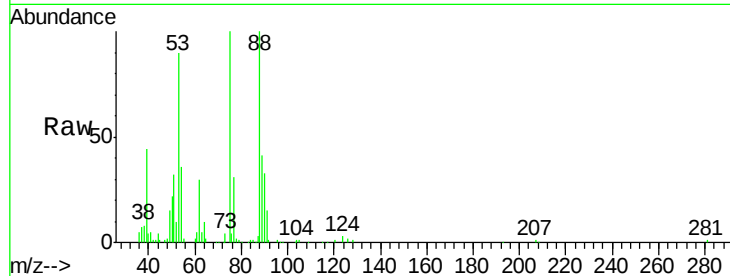
Ion 120.00 (119.70 to 120.70): V





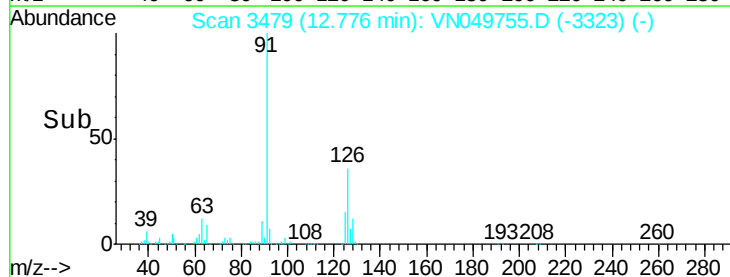
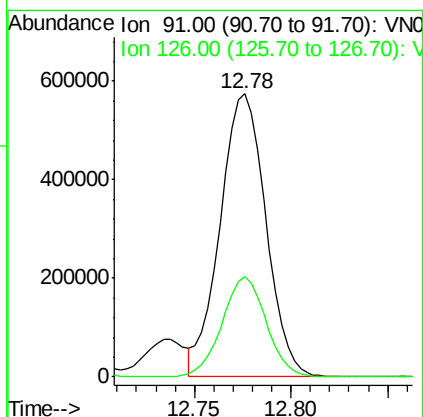
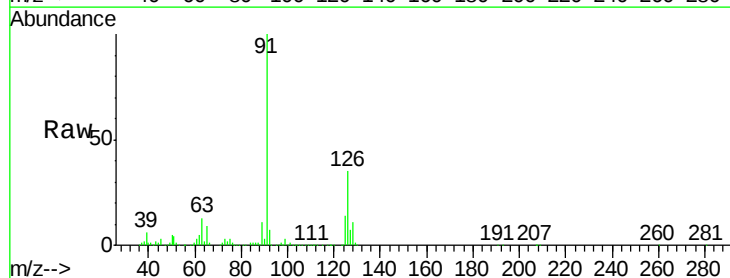
#77
t-1,4-Dichloro-2-butene
Concen: 20.20 ug/l
RT: 12.30 min Scan# 3332
Delta R.T. 0.00 min
Lab File: VN049755.D
Acq: 11 Jul 2018 10:46

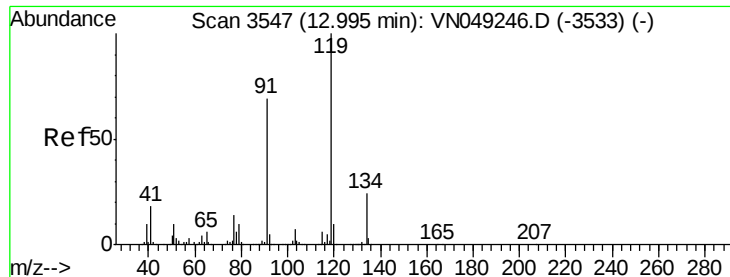
Tot Ion	75	Resp	92825
Ion Ratio	Lower	Upper	
75	100		
53	89.3	44.6	134.0
89	41.4	20.7	62.1



#78
4-Chlorotoluene
Concen: 19.25 ug/l
RT: 12.78 min Scan# 3479
Delta R.T. 0.00 min
Lab File: VN049755.D
Acq: 11 Jul 2018 10:46

Tgt Ion	91	Resp	942983
Ion Ratio	Lower	Upper	
91	100		
126	34.2	0.0	68.4





#79

tert-butylbenzene

Concen: 20.06 ug/l

RT: 13.00 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN049755.D

Acq: 11 Jul 2018 10:46

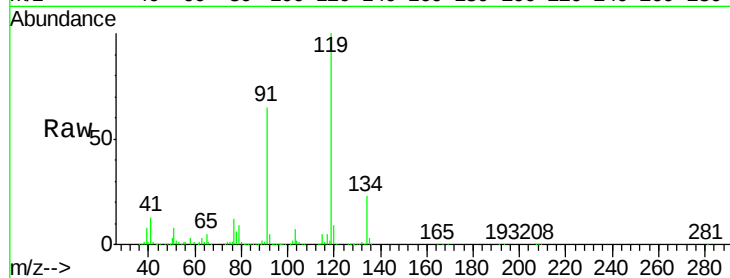
Tot Ion:119 Resp: 977895

Ion Ratio Lower Upper

119 100

91 63.4 0.0 126.8

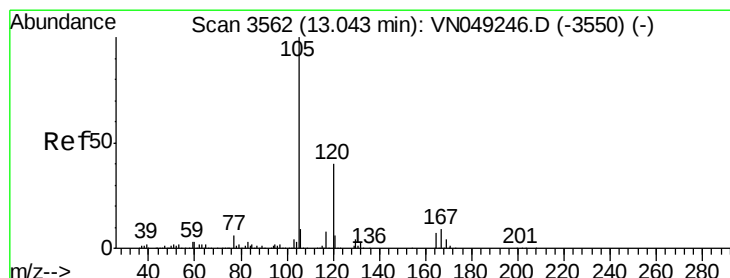
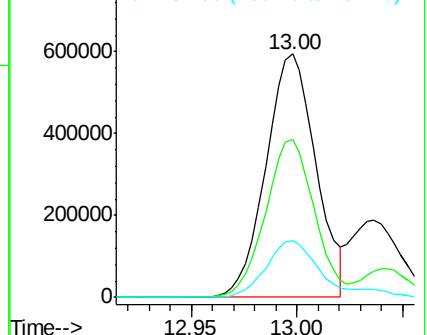
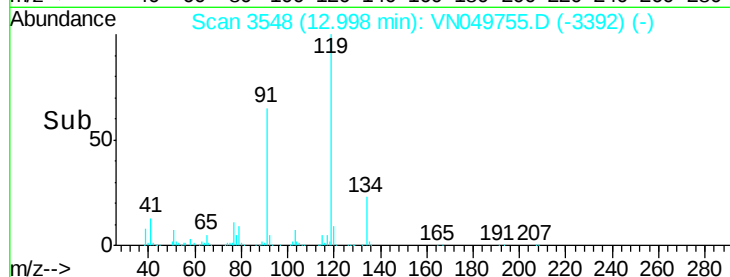
134 23.7 0.0 47.4



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: 19.70 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049755.D

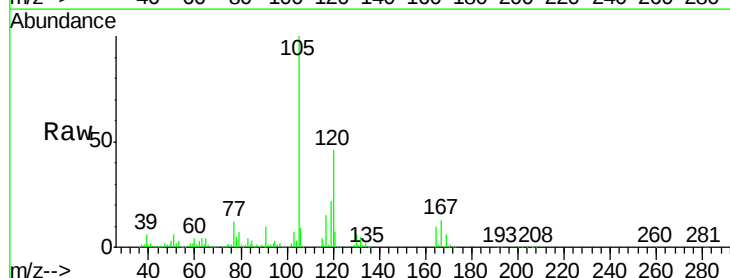
Acq: 11 Jul 2018 10:46

Tgt Ion:105 Resp: 1143306

Ion Ratio Lower Upper

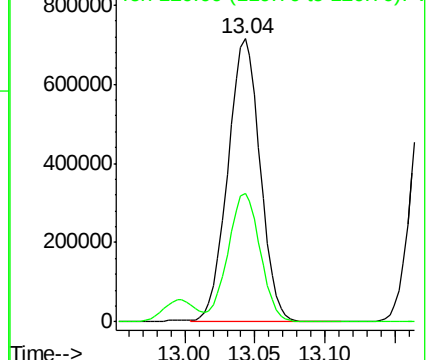
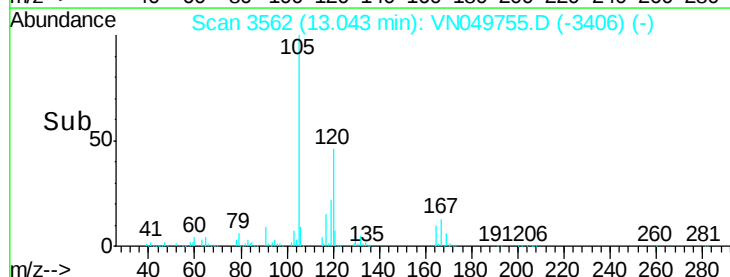
105 100

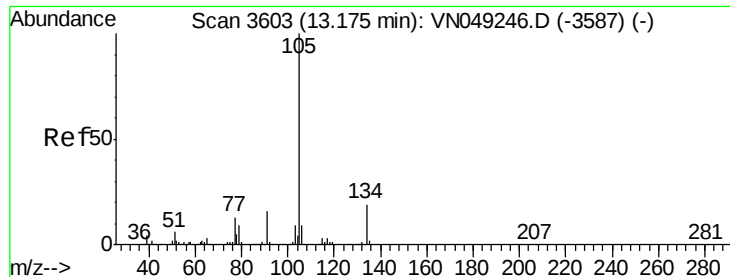
120 45.3 0.0 90.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 19.48 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049755.D

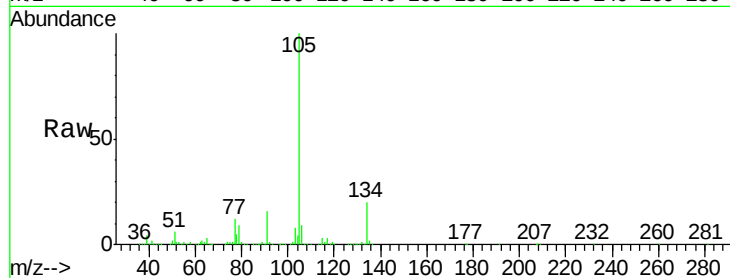
Acq: 11 Jul 2018 10:46

Tot Ion:105 Resp: 1291382

Ion Ratio Lower Upper

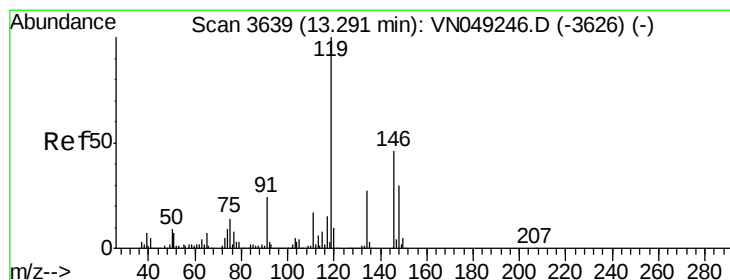
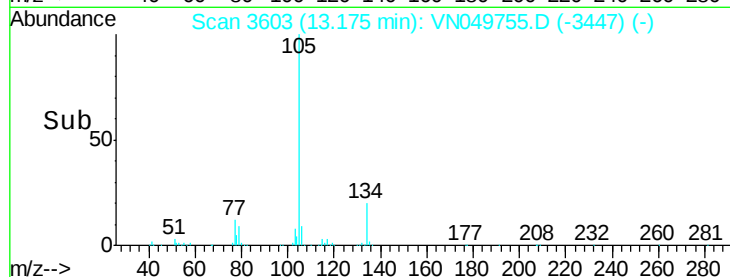
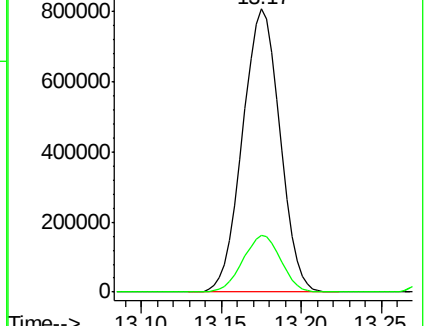
105 100

134 20.3 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: 20.15 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN049755.D

Acq: 11 Jul 2018 10:46

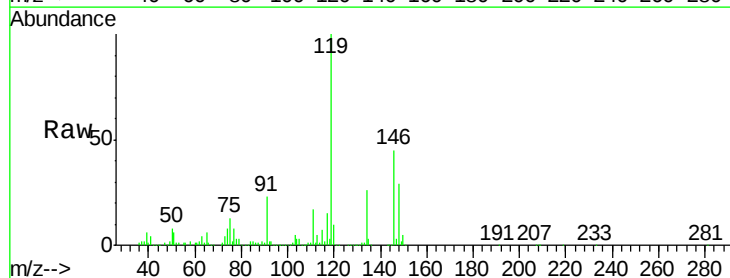
Tgt Ion:119 Resp: 1115240

Ion Ratio Lower Upper

119 100

134 26.1 0.0 52.2

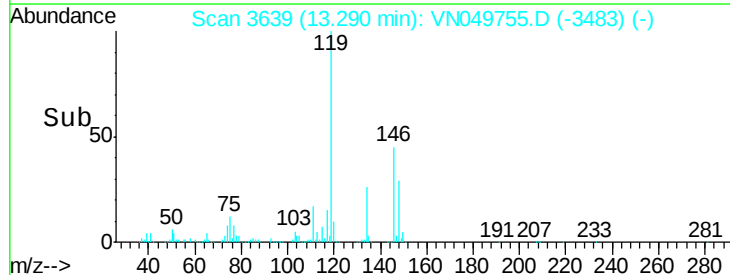
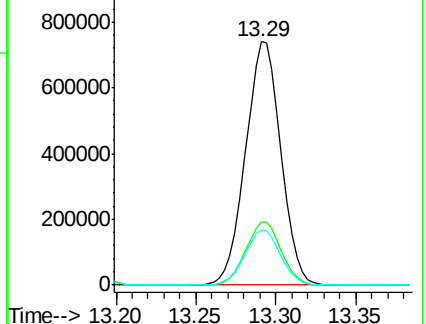
91 22.8 0.0 45.6

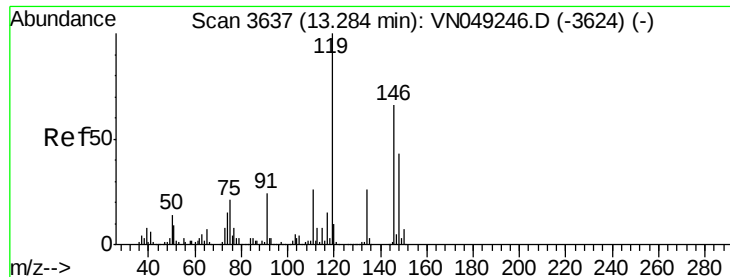


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

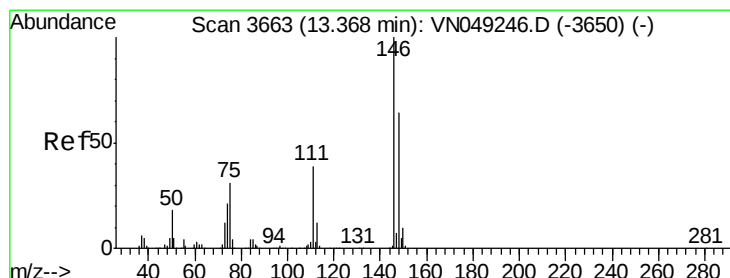
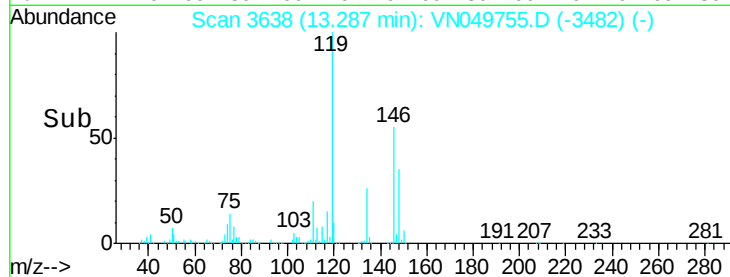
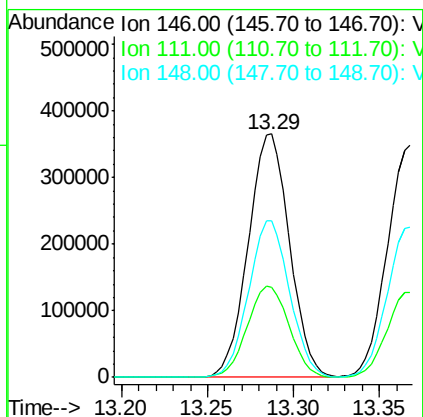
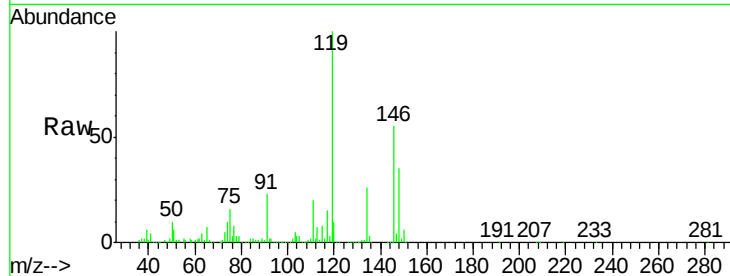
Ion 91.00 (90.70 to 91.70): V





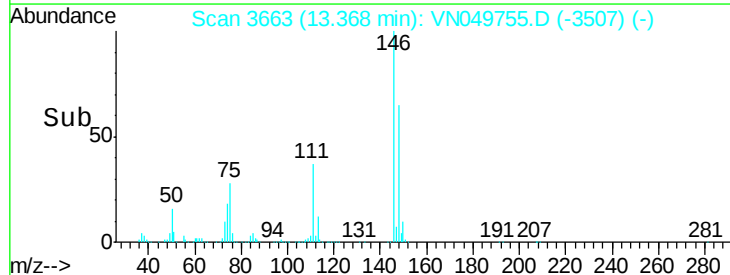
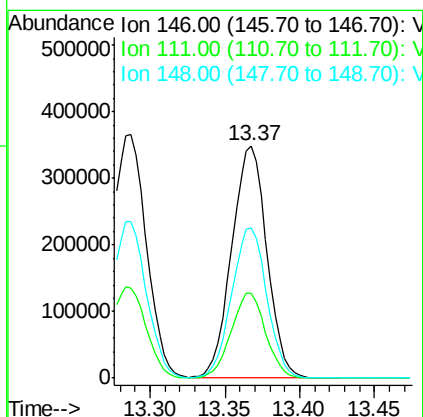
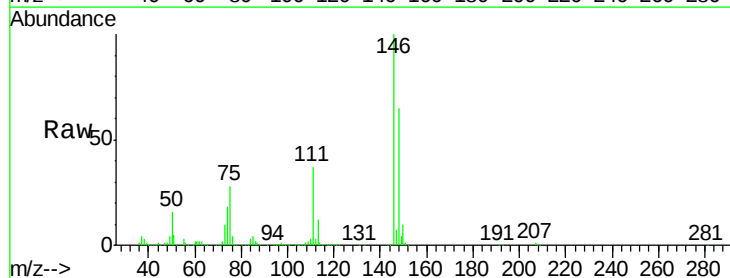
#83
 1,3-Dichlorobenzene
 Concen: 20.63 ug/l
 RT: 13.29 min Scan# 3638
 Delta R.T. 0.00 min
 Lab File: VN049755.D
 Acq: 11 Jul 2018 10:46

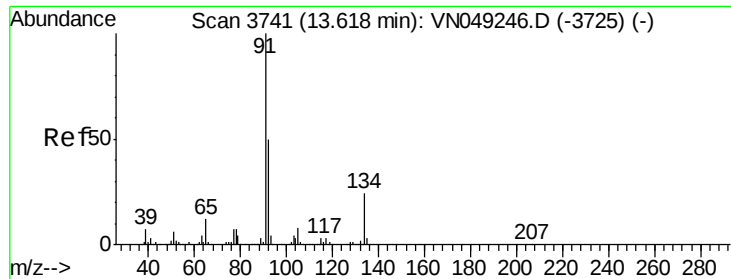
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.1
148	63.9	31.9	95.9



#84
 1,4-Dichlorobenzene
 Concen: 20.57 ug/l
 RT: 13.37 min Scan# 3663
 Delta R.T. 0.00 min
 Lab File: VN049755.D
 Acq: 11 Jul 2018 10:46

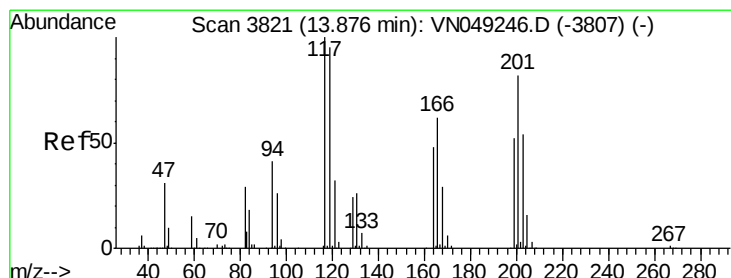
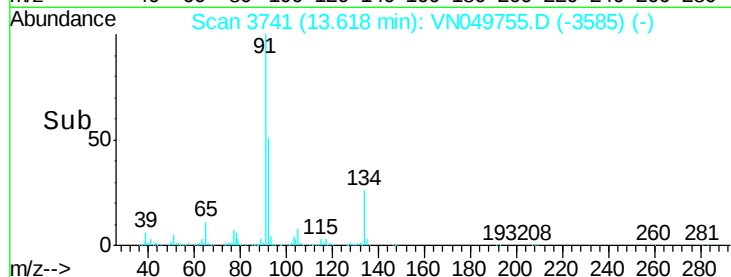
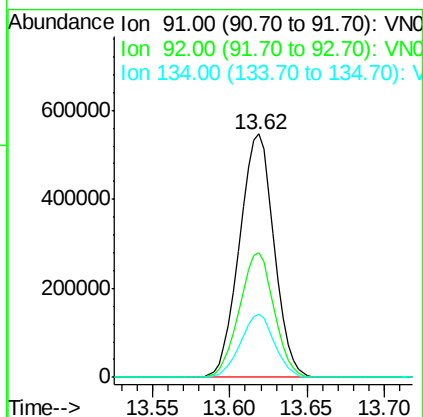
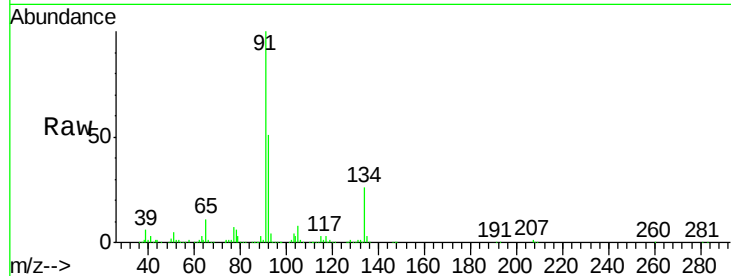
Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.9	17.9	53.8
148	64.7	32.4	97.0





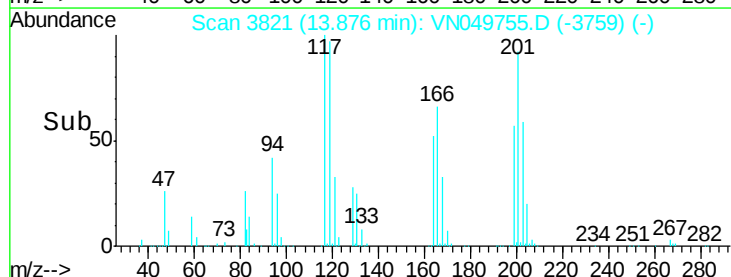
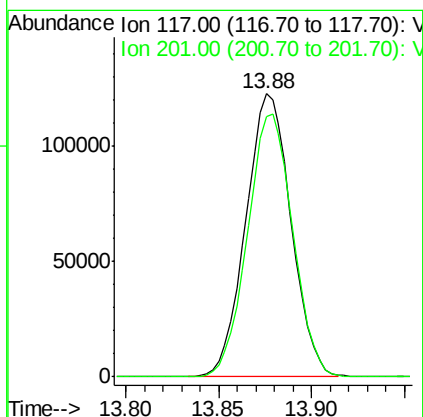
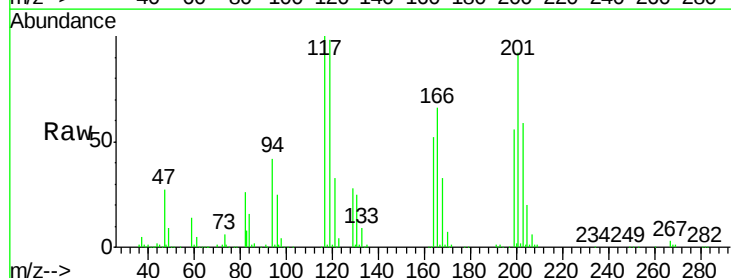
#85
n-Butylbenzene
Concen: 19.25 ug/l
RT: 13.62 min Scan# 3741
Delta R.T. 0.00 min
Lab File: VN049755.D
Acq: 11 Jul 2018 10:46

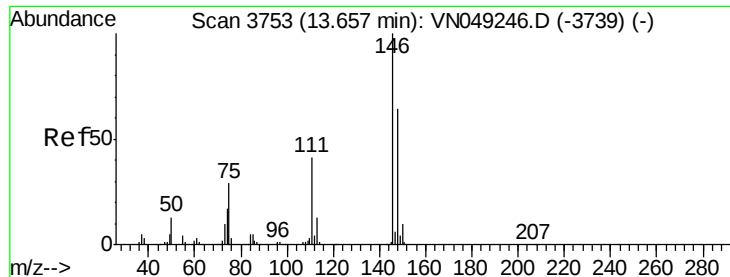
Tot Ion	Ratio	Lower	Upper
91	100		
92	51.4	0.0	102.8
134	25.5	0.0	51.0



#86
Hexachloroethane
Concen: 18.41 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049755.D
Acq: 11 Jul 2018 10:46

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.1	46.6	139.7





#87

1,2-Dichlorobenzene

Concen: 20.86 ug/l

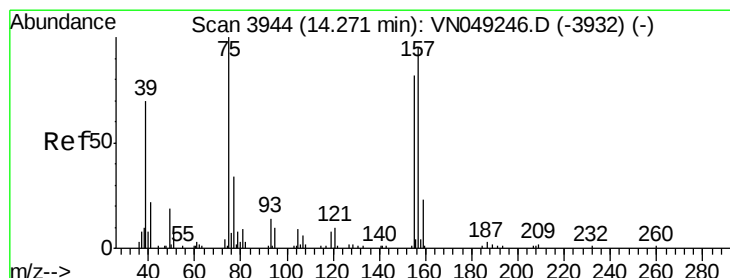
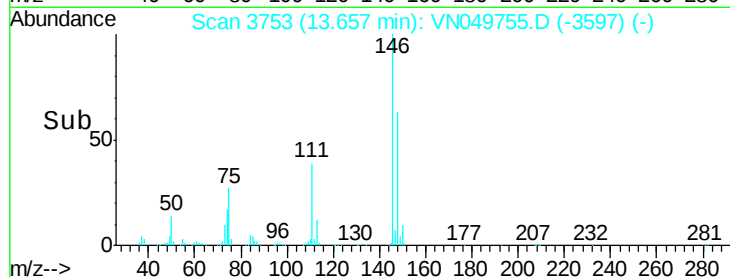
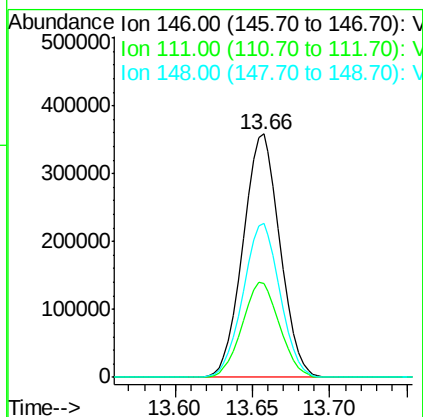
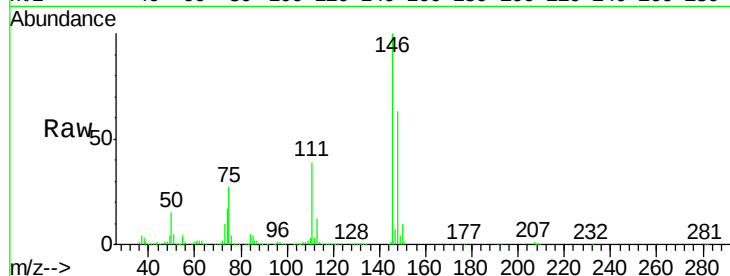
RT: 13.66 min Scan# 3753

Delta R.T. 0.00 min

Lab File: VN049755.D

Acq: 11 Jul 2018 10:46

Tot Ion:146	Resp:	595389
Ion Ratio	Lower	Upper
146	100	
111	39.5	19.8 59.3
148	63.5	31.8 95.3



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.92 ug/l

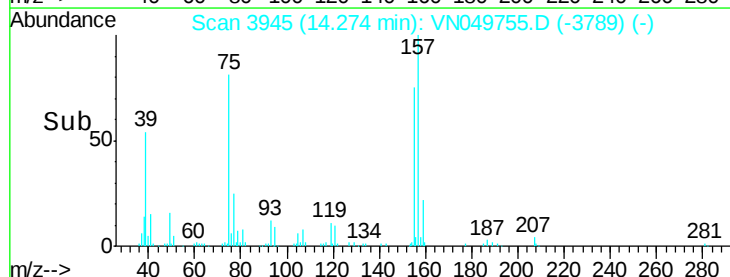
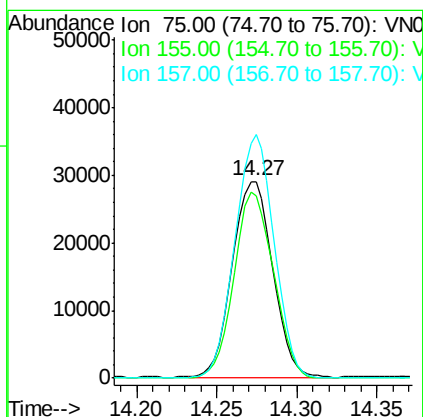
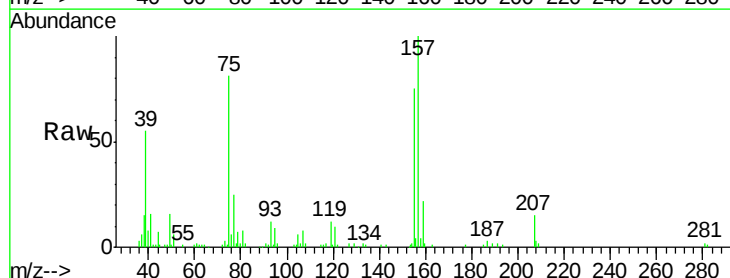
RT: 14.27 min Scan# 3945

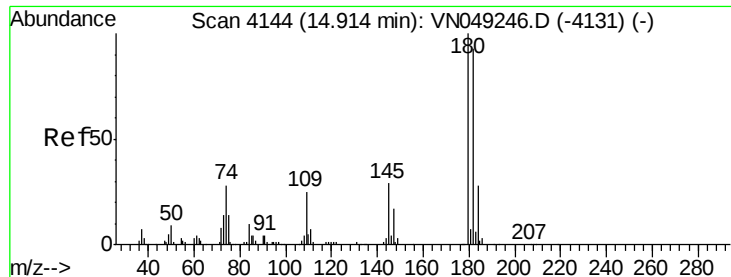
Delta R.T. 0.00 min

Lab File: VN049755.D

Acq: 11 Jul 2018 10:46

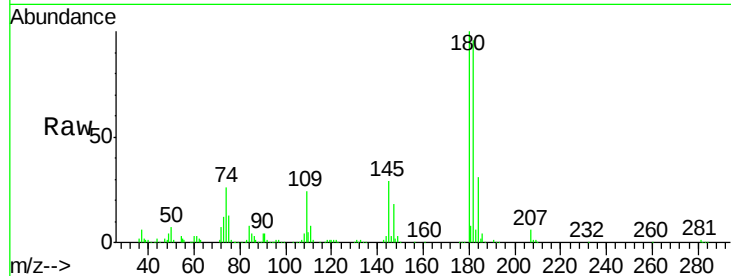
Tgt Ion: 75	Resp:	50564
Ion Ratio	Lower	Upper
75	100	
155	91.3	73.0 109.6
157	118.6	94.9 142.3



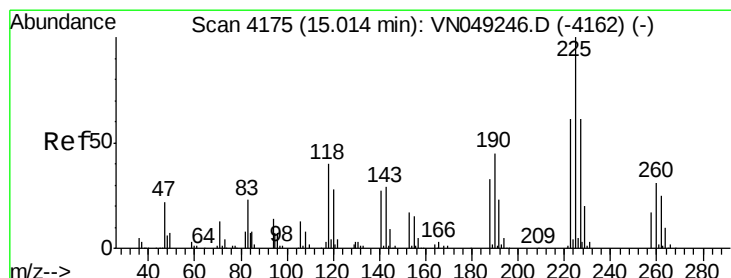
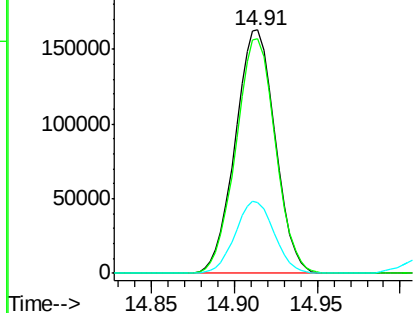
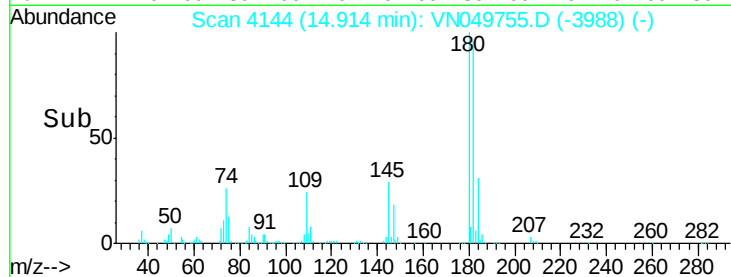


#89
 1,2,4-Trichlorobenzene
 Concen: 22.40 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN049755.D
 Acq: 11 Jul 2018 10:46

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.7	115.1
145	29.2	23.4	35.0

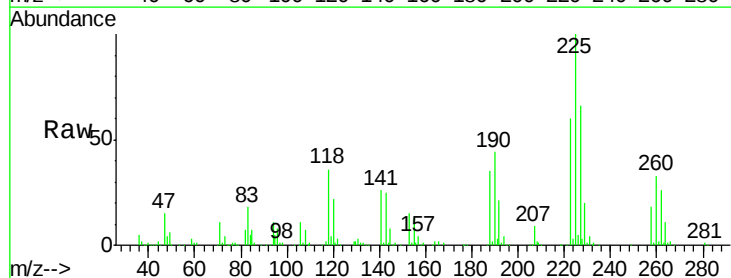


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

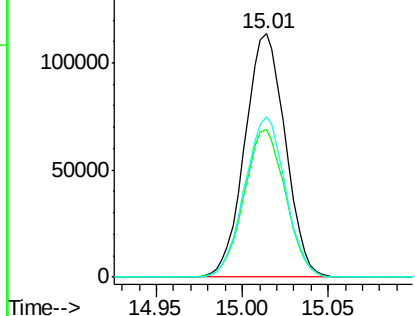
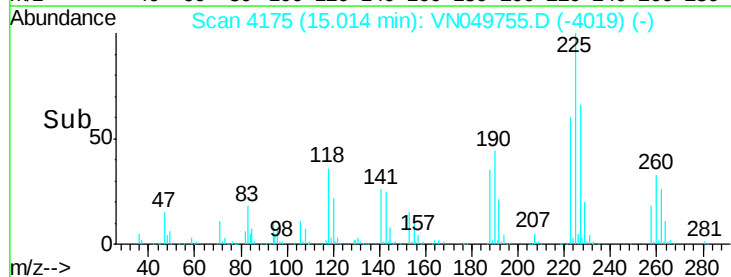


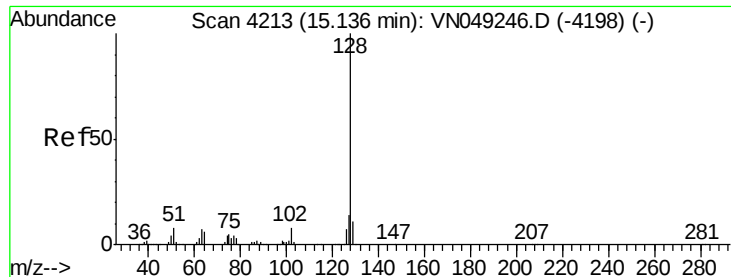
#90
 Hexachlorobutadiene
 Concen: 22.21 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049755.D
 Acq: 11 Jul 2018 10:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	0.0	124.4
227	66.5	0.0	133.0



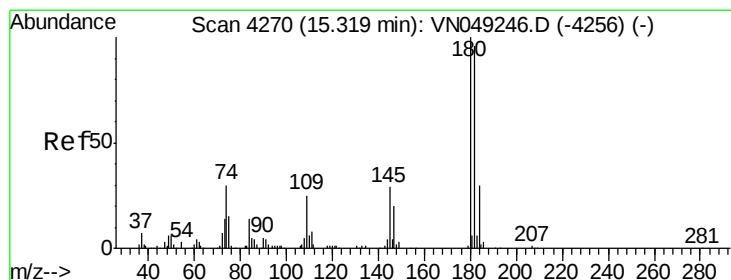
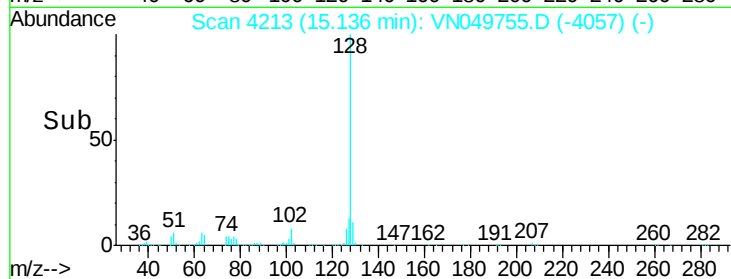
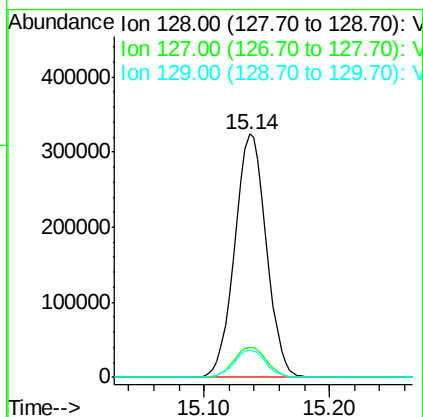
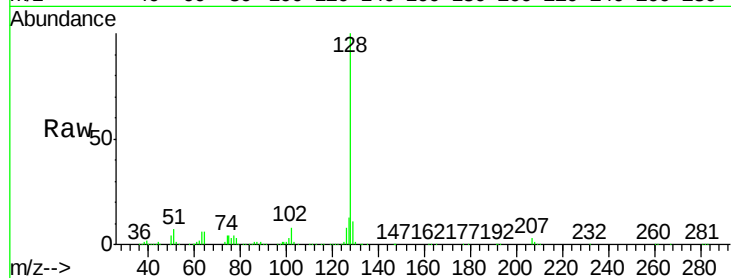
Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V





#91
Naphthalene
Concen: 21.43 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049755.D
Acq: 11 Jul 2018 10:46

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	11.2	9.0	13.4



#92
1,2,3-Trichlorobenzene
Concen: 23.18 ug/l
RT: 15.32 min Scan# 4270
Delta R.T. 0.00 min
Lab File: VN049755.D
Acq: 11 Jul 2018 10:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	0.0	188.8
145	30.4	0.0	60.8

