

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071118\
 Data File : VN049759.D
 Acq On : 11 Jul 2018 15:00
 Operator : MD\SY
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 12 01:59:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 12 01:52:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	254070	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	1394551	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	1215184	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	528350	30.76	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.53%
60) 4-Bromofluorobenzene	12.40	95	558711	29.78	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.27%
63) Toluene-d8	10.09	98	1732077	30.50	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.67%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.85	85	407156	21.42	ug/l	97
3) Chloromethane	2.06	50	397207	20.22	ug/l	100
4) Vinyl Chloride	2.18	62	420410	20.22	ug/l	98
5) Bromomethane	2.57	94	260375	20.75	ug/l	99
6) Chloroethane	2.70	64	241190	19.99	ug/l	99
7) Trichlorofluoromethane	3.01	101	534105	20.31	ug/l	98
8) Diethyl Ether	3.41	74	178719	19.89	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	329903	20.83	ug/l	68
10) 1,1-Dichloroethene	3.73	96	292534	20.05	ug/l	94
11) Methyl Iodide	3.95	142	416132	19.19	ug/l	99
12) Methyl Acetate	4.33	43	293521	20.59	ug/l	98
13) Acrolein	3.61	56	147199	98.74	ug/l	100
14) Acrylonitrile	5.00	53	493715	96.57	ug/l	99
15) Acetone	3.82	58	130065	100.83	ug/l	87
16) Carbon Disulfide	4.05	76	895134	19.85	ug/l	100
17) Allyl chloride	4.32	41	454905	19.75	ug/l	99
18) Methylene Chloride	4.55	84	339785	19.63	ug/l	99
19) trans-1,2-Dichloroethene	5.04	96	304915	19.80	ug/l	97
20) Diisopropyl ether	5.96	45	929953	20.00	ug/l	98
21) 1,1-Dichloroethane	5.85	63	570183	19.98	ug/l	99
22) cis-1,2-Dichloroethene	6.83	96	336760	19.63	ug/l	99
23) tert-Butyl Alcohol	4.81	59	107605	100.47	ug/l	# 100
24) Methyl tert-Butyl Ether	5.05	73	772375	19.91	ug/l	100
25) Chloroform	7.37	83	571731	19.84	ug/l	100
26) Cyclohexane	7.65	56	462035	19.18	ug/l	99
29) 1,1-Dichloropropene	7.79	75	432706	19.50	ug/l	100
30) 2-Butanone	6.84	43	596725	96.52	ug/l	99
31) 2,2-Dichloropropane	6.83	77	479474	20.15	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	495349	19.42	ug/l	99
33) Carbon Tetrachloride	7.77	117	440251	19.47	ug/l	99
34) Benzene	8.04	78	1288135	19.36	ug/l	99
35) Methacrylonitrile	7.17	41	113384	16.06	ug/l	98
36) 1,2-Dichloroethane	8.13	62	417023	19.63	ug/l	99
37) Trichloroethene	8.84	130	335890	19.37	ug/l	98
38) Methylcyclohexane	9.08	83	452565	18.93	ug/l	99
39) 1,2-Dichloropropane	9.12	63	335209	19.40	ug/l	95
40) Dibromomethane	9.21	93	205854	19.81	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	432993	19.38	ug/l	98
42) Vinyl Acetate	5.90	43	3119072	95.07	ug/l	100
43) Ethyl Acetate	6.93	43	267883	20.52	ug/l	93
44) Isopropyl Acetate	8.17	43	460415	18.86	ug/l	99
45) 1,4-Dioxane	9.20	88	61689	383.86	ug/l	96
46) Methyl methacrylate	9.20	41	236738	19.34	ug/l	100
47) n-amyl Acetate	12.07	43	380242	18.49	ug/l	99
48) t-1,3-Dichloropropene	10.38	75	429437	19.07	ug/l	99
49) cis-1,3-Dichloropropene	9.84	75	496893	19.17	ug/l	99
50) 1,1,2-Trichloroethane	10.56	97	295735	19.57	ug/l	98
51) Ethyl methacrylate	10.43	69	345605	18.75	ug/l	100
52) 1,3-Dichloropropane	10.71	76	482134	19.43	ug/l	98
53) Dibromochloromethane	10.90	129	323617	18.94	ug/l	99
54) 1,2-Dibromoethane	11.01	107	281664	19.18	ug/l	99
55) 2-Chloroethyl vinyl ether	9.70	63	902236	96.10	ug/l	99
56) Bromoform	12.13	173	217176	18.56	ug/l	99
58) 4-Methyl-2-Pentanone	9.99	43	1299378	98.36	ug/l	99
59) 2-Hexanone	10.75	43	897115	100.88	ug/l	99
61) Tetrachloroethene	10.63	164	302130	19.81	ug/l	96
62) Toluene	10.16	91	1380699	19.82	ug/l	100
64) Chlorobenzene	11.44	112	833426	19.50	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.51	131	319385	19.69	ug/l	99
66) Ethyl Benzene	11.51	91	1409768	19.30	ug/l	99
67) m/p-Xylenes	11.62	106	1105488	39.33	ug/l	100
68) o-Xylene	11.95	106	521941	19.44	ug/l	99
69) Styrene	11.97	104	825694	19.26	ug/l	100
70) Isopropylbenzene	12.25	105	1394621	19.58	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.51	83	362464	19.83	ug/l	100
72) 1,2,3-Trichloropropane	12.56	75	289608m	19.79	ug/l	
73) Bromobenzene	12.53	156	358549	19.20	ug/l	98
74) n-propylbenzene	12.59	91	1603047	19.44	ug/l	99
75) 2-Chlorotoluene	12.68	91	963839	19.49	ug/l	99
76) 1,3,5-Trimethylbenzene	12.73	105	1135949	19.63	ug/l	100
77) t-1,4-Dichloro-2-butene	12.30	75	93605	18.25	ug/l	92
78) 4-Chlorotoluene	12.78	91	960049	19.47	ug/l	99
79) tert-butylbenzene	13.00	119	963336	19.18	ug/l	99
80) 1,2,4-Trimethylbenzene	13.04	105	1152071	19.72	ug/l	99
81) sec-Butylbenzene	13.17	105	1333358	19.76	ug/l	100
82) p-Isopropyltoluene	13.29	119	1143698	19.60	ug/l	100
83) 1,3-Dichlorobenzene	13.28	146	626260	19.33	ug/l	99
84) 1,4-Dichlorobenzene	13.36	146	602511	19.41	ug/l	99
85) n-Butylbenzene	13.62	91	903293	19.01	ug/l	100
86) Hexachloroethane	13.88	117	213347	19.22	ug/l	99
87) 1,2-Dichlorobenzene	13.66	146	616877	19.77	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	54386	19.98	ug/l	95
89) 1,2,4-Trichlorobenzene	14.91	180	291584	18.50	ug/l	99
90) Hexachlorobutadiene	15.01	225	208171	20.76	ug/l	97
91) Naphthalene	15.14	128	607834	17.50	ug/l	99
92) 1,2,3-Trichlorobenzene	15.32	180	304407	19.26	ug/l	100

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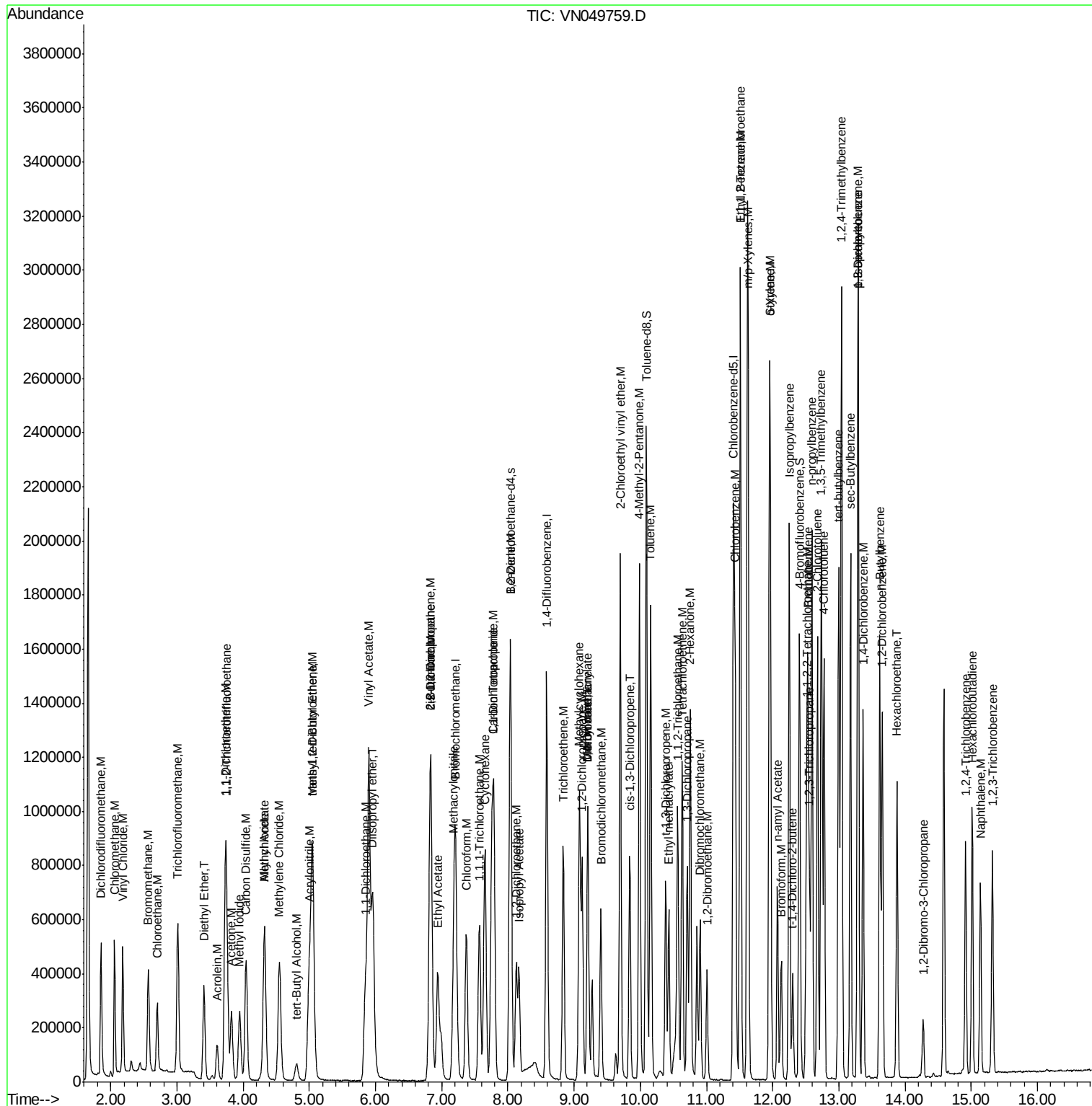
Quant Time: Jul 12 01:59:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071118W.M
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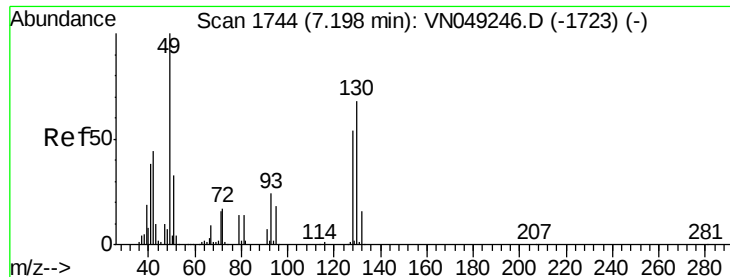
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.19 min Scan# 1743

Delta R.T. -0.00 min

Lab File: VN049759.D

Acq: 11 Jul 2018 15:00

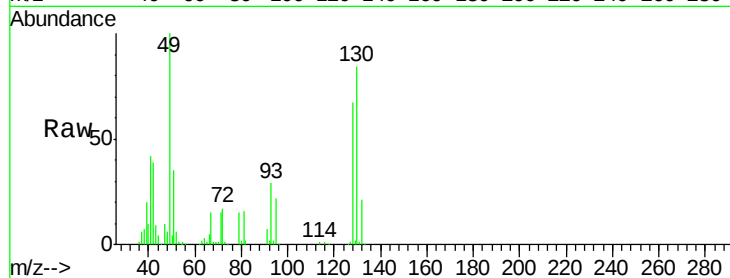
Tot Ion:128 Resp: 254070

Ion Ratio Lower Upper

128 100

49 151.5 0.0 378.3

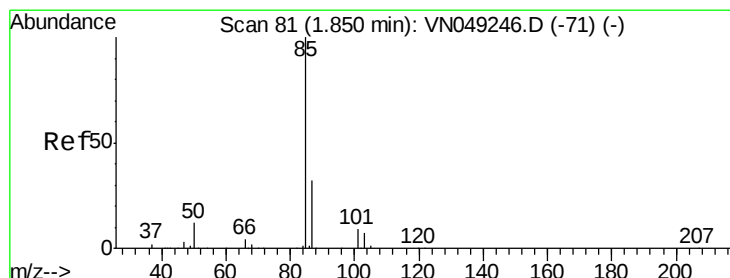
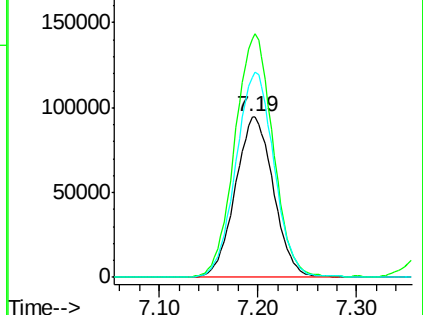
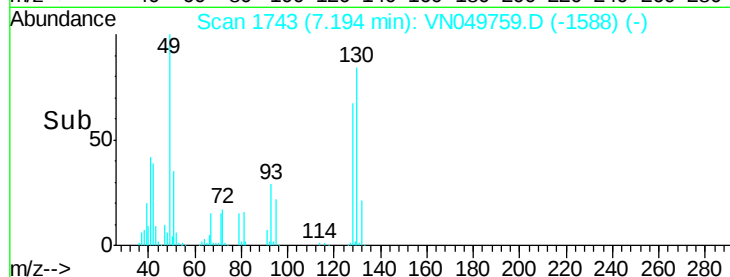
130 127.8 0.0 320.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VNO

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 21.42 ug/l

RT: 1.85 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN049759.D

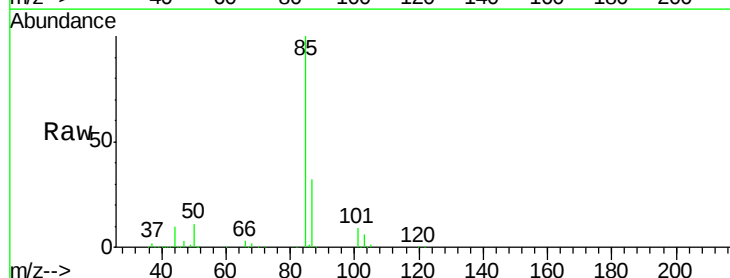
Acq: 11 Jul 2018 15:00

Tgt Ion: 85 Resp: 407156

Ion Ratio Lower Upper

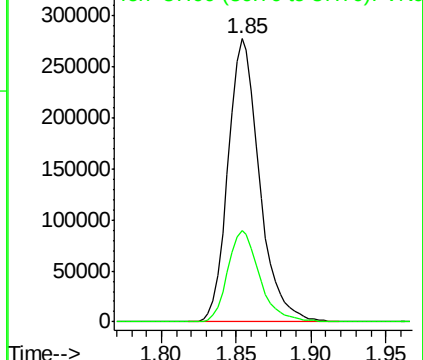
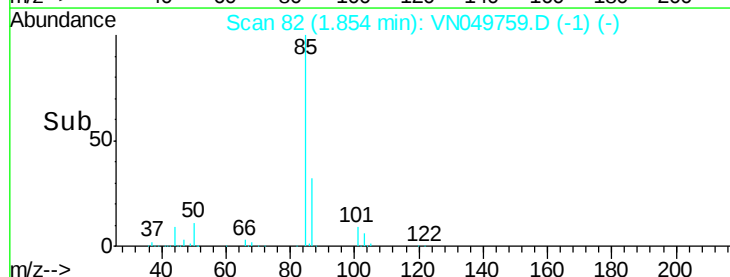
85 100

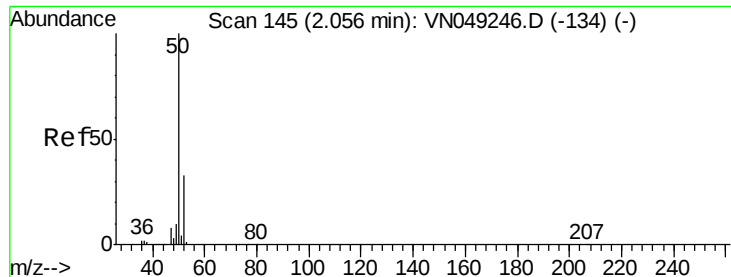
87 32.4 15.4 46.4



Abundance Ion 85.00 (84.70 to 85.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#3

Chloromethane

Concen: 20.22 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN049759.D

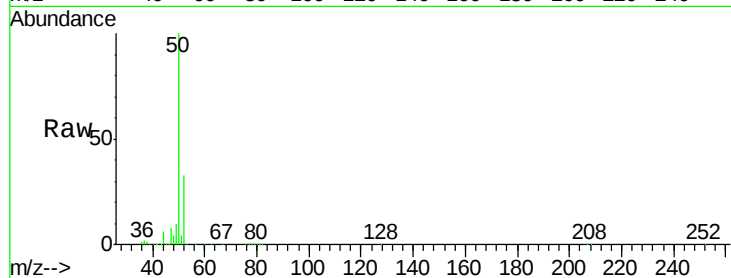
Acq: 11 Jul 2018 15:00

Tot Ion: 50 Resp: 397207

Ion Ratio Lower Upper

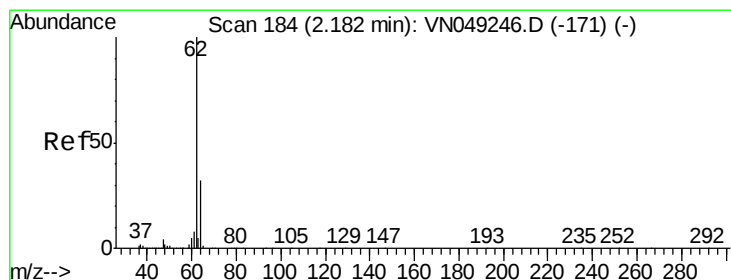
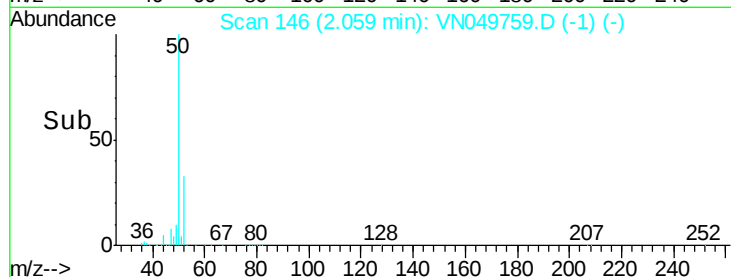
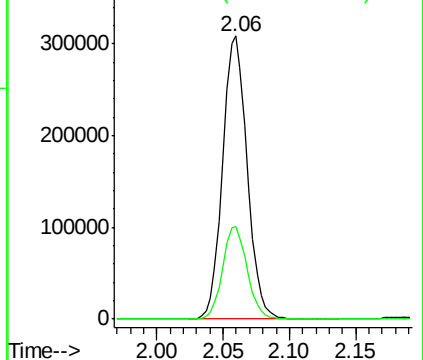
50 100

52 32.8 26.1 39.1



Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#4

Vinyl Chloride

Concen: 20.22 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN049759.D

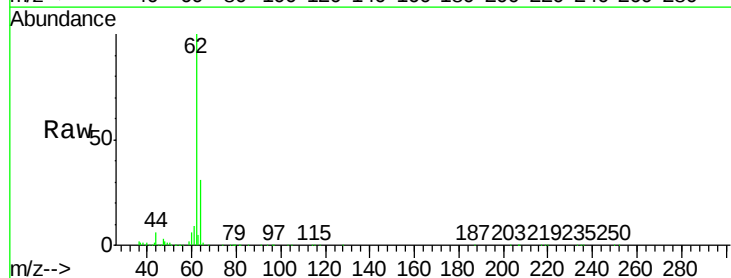
Acq: 11 Jul 2018 15:00

Tgt Ion: 62 Resp: 420410

Ion Ratio Lower Upper

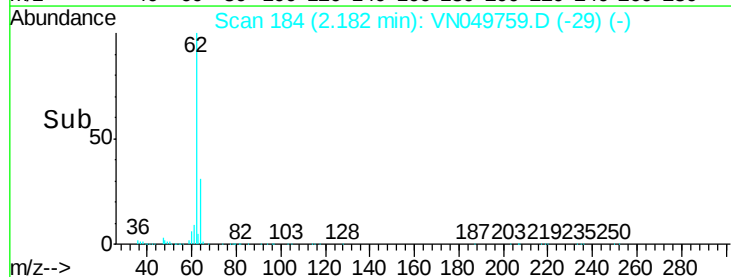
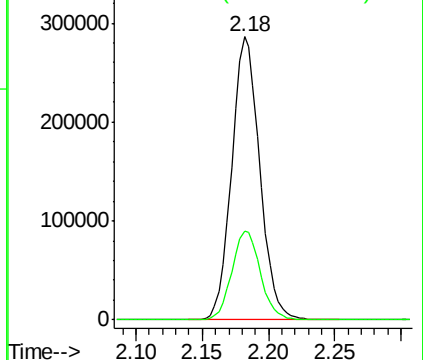
62 100

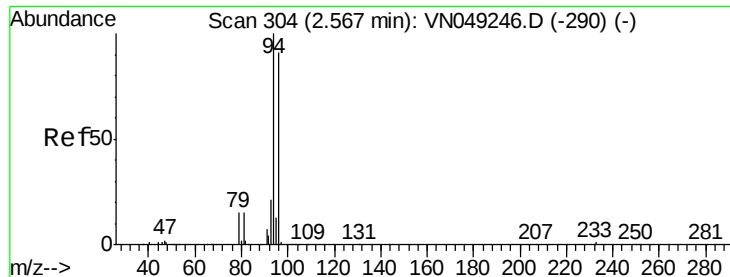
64 31.3 24.4 36.6



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0





#5

Bromomethane

Concen: 20.75 ug/l

RT: 2.57 min Scan# 304

Delta R.T. 0.00 min

Lab File: VN049759.D

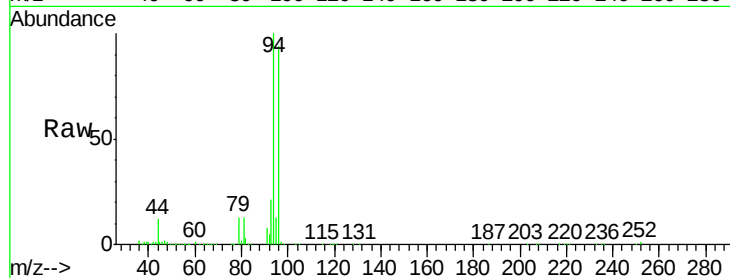
Acq: 11 Jul 2018 15:00

Tot Ion: 94 Resp: 260375

Ion Ratio Lower Upper

94 100

96 94.3 75.9 113.9



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0

2.57

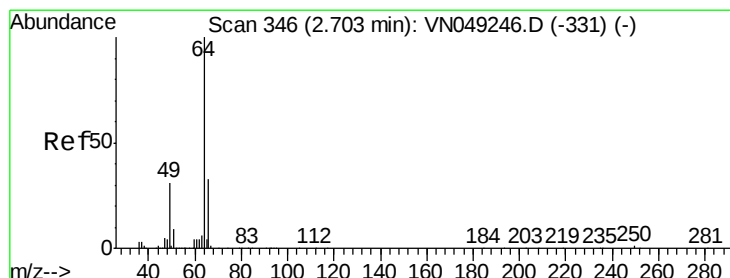
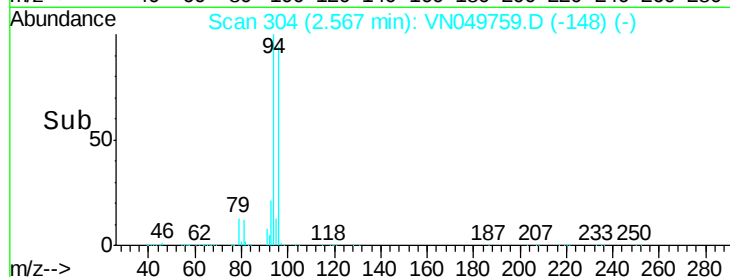
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 19.99 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN049759.D

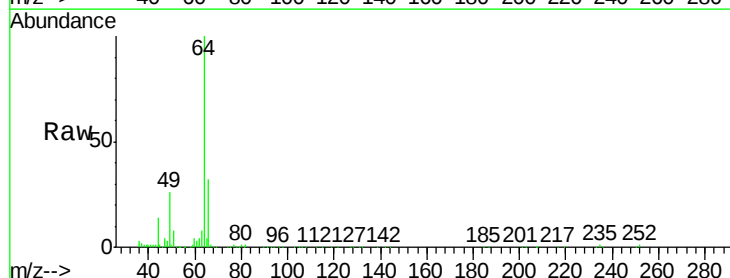
Acq: 11 Jul 2018 15:00

Tgt Ion: 64 Resp: 241190

Ion Ratio Lower Upper

64 100

66 31.6 25.0 37.4



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0

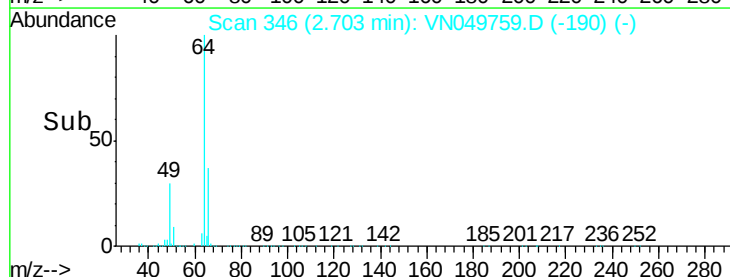
2.70

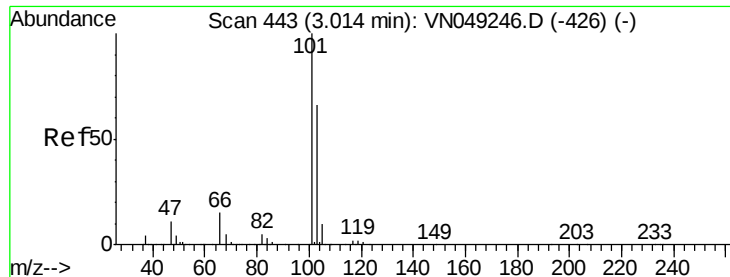
100000

50000

0

Time-->





#7

Trichlorofluoromethane

Concen: 20.31 ug/l

RT: 3.01 min Scan# 442

Delta R.T. -0.00 min

Lab File: VN049759.D

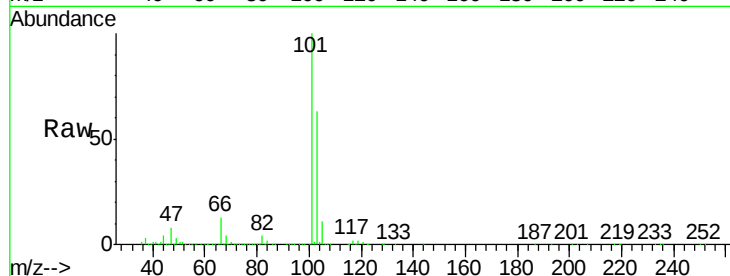
Acq: 11 Jul 2018 15:00

Tot Ion:101 Resp: 534105

Ion Ratio Lower Upper

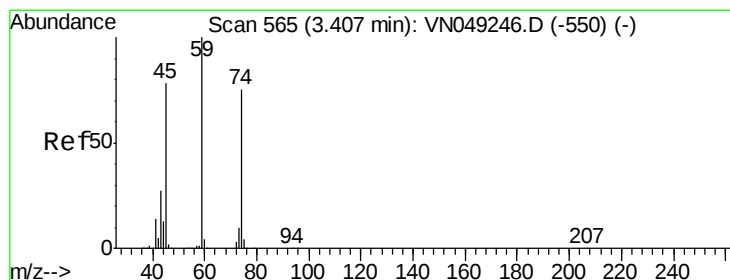
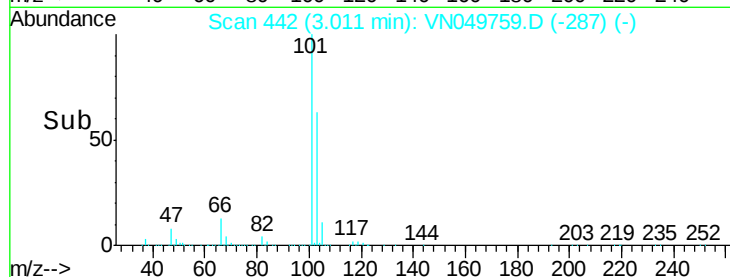
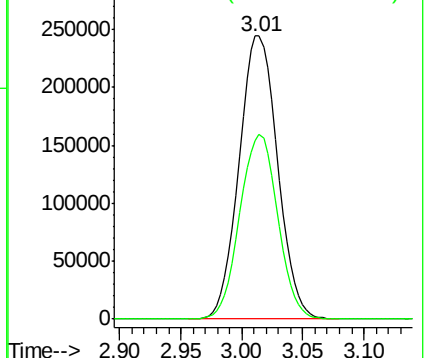
101 100

103 62.9 51.5 77.3



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

Diethyl Ether

Concen: 19.89 ug/l

RT: 3.41 min Scan# 566

Delta R.T. -0.00 min

Lab File: VN049759.D

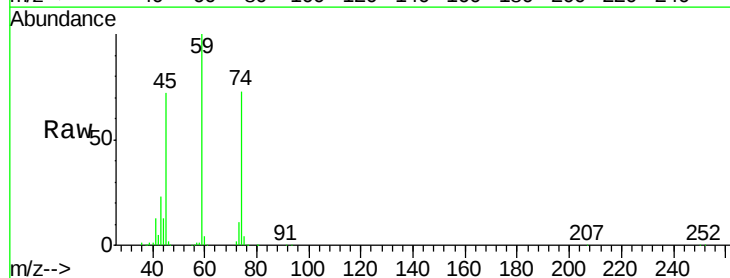
Acq: 11 Jul 2018 15:00

Tgt Ion: 74 Resp: 178719

Ion Ratio Lower Upper

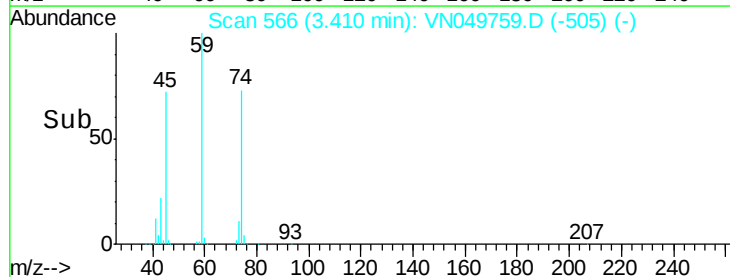
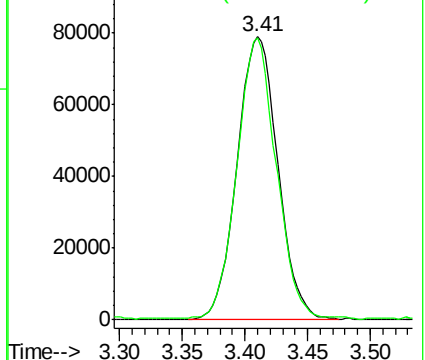
74 100

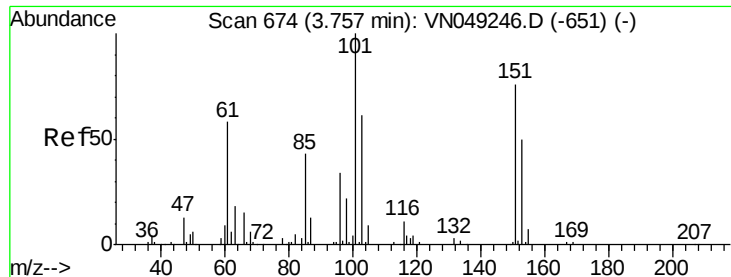
45 95.3 18.7 167.9



Abundance Ion 74.00 (73.70 to 74.70): V

Ion 45.00 (44.70 to 45.70): V





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.83 ug/l

RT: 3.75 min Scan# 672

Delta R.T. -0.00 min

Lab File: VN049759.D

Acq: 11 Jul 2018 15:00

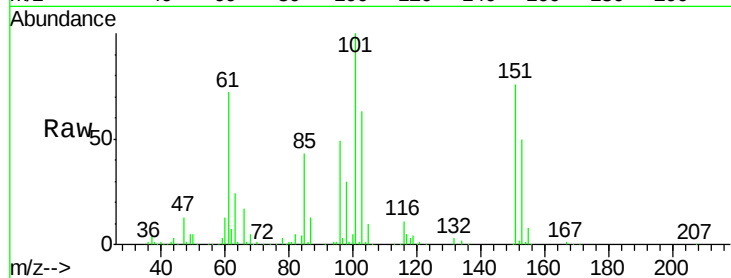
Tot Ion:101 Resp: 329903

Ion Ratio Lower Upper

101 100

85 43.0 0.0 83.0

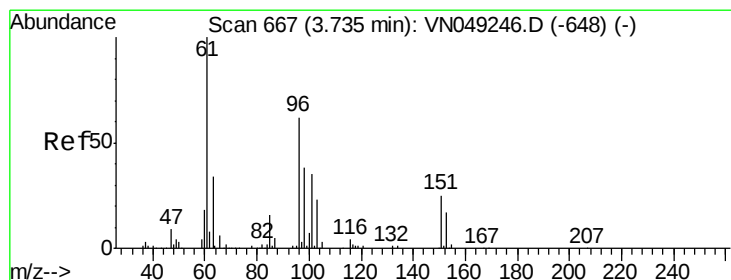
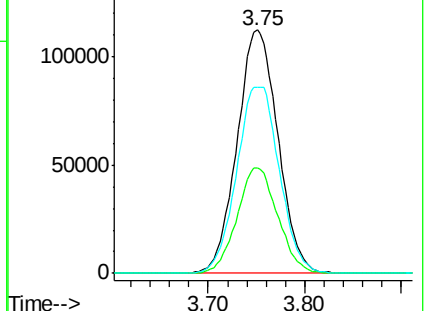
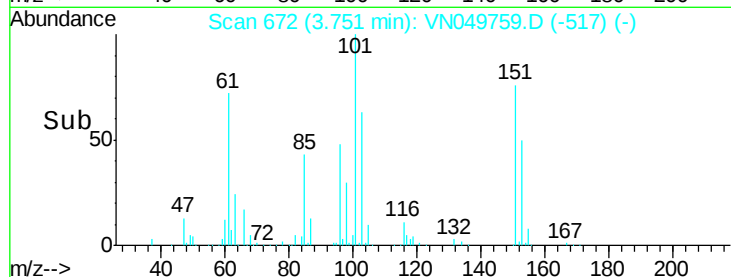
151 41.0 0.0 166.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VNO

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 20.05 ug/l

RT: 3.73 min Scan# 666

Delta R.T. -0.00 min

Lab File: VN049759.D

Acq: 11 Jul 2018 15:00

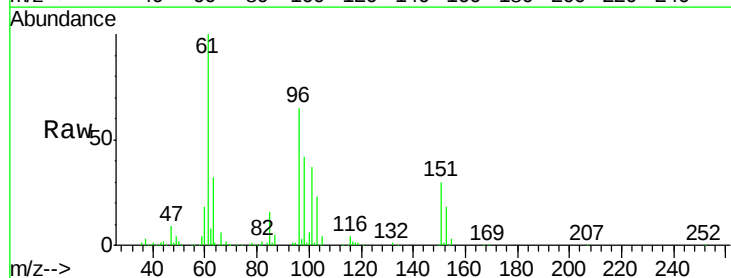
Tgt Ion: 96 Resp: 292534

Ion Ratio Lower Upper

96 100

61 154.3 130.6 195.8

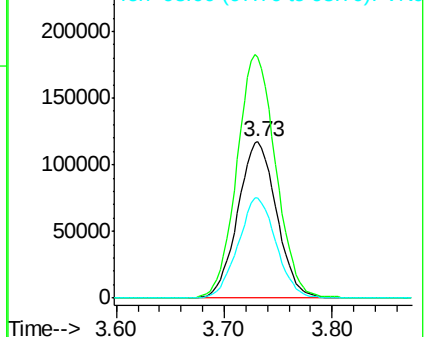
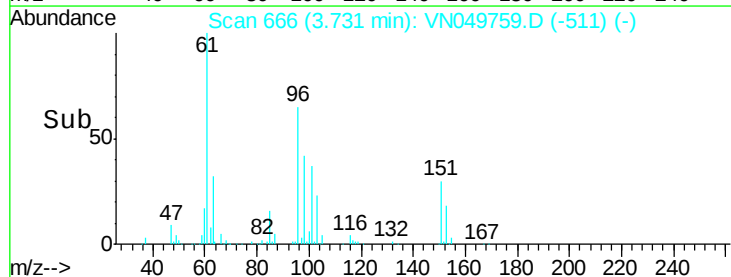
98 64.3 53.5 80.3

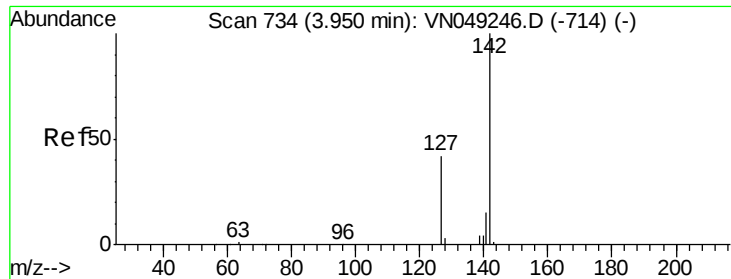


Abundance Ion 96.00 (95.70 to 96.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

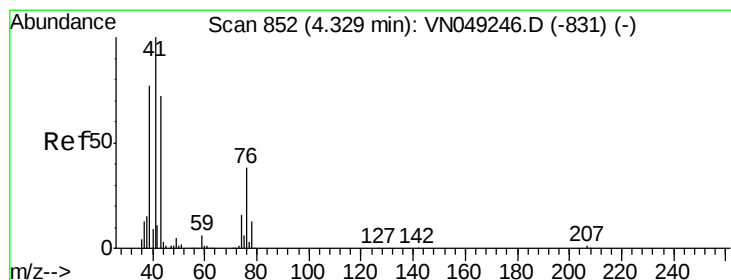
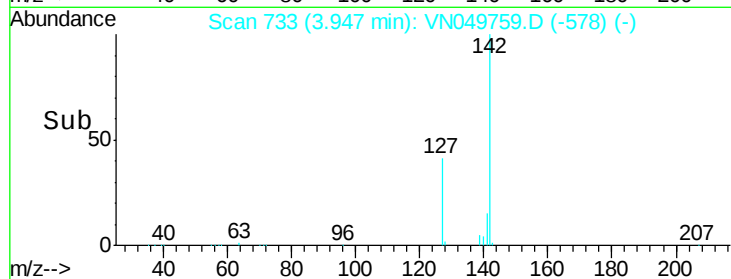
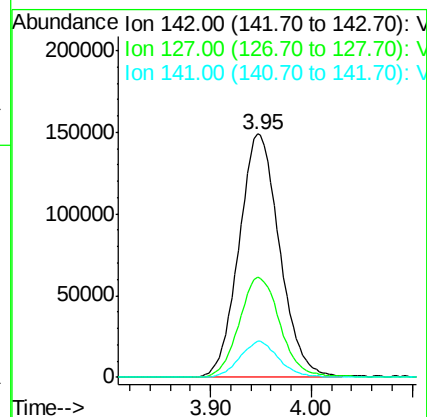
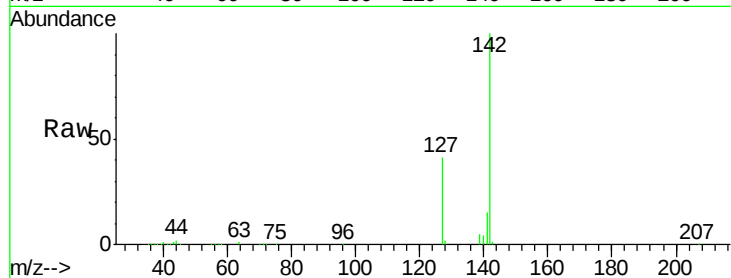
Ion 98.00 (97.70 to 98.70): VNO





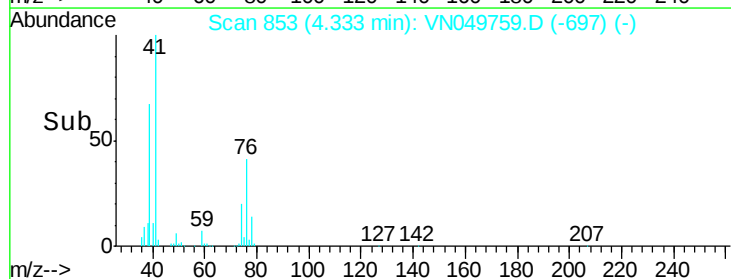
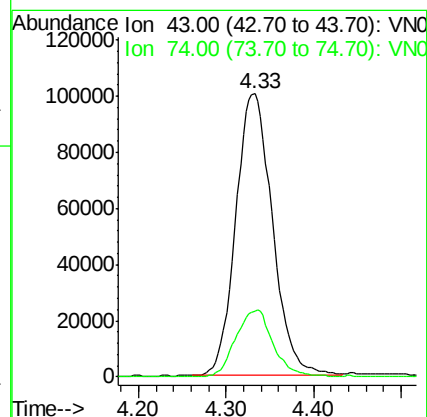
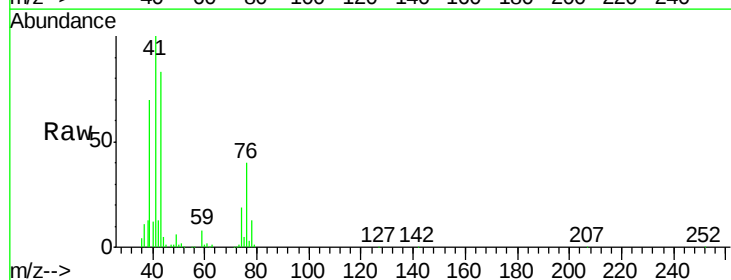
#11
Methyl Iodide
Concen: 19.19 ug/l
RT: 3.95 min Scan# 733
Delta R.T. -0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

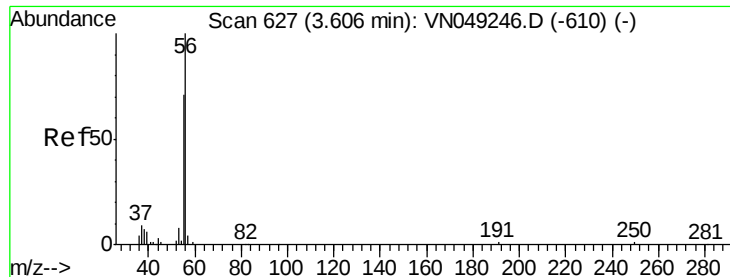
Tot Ion	Ratio	Lower	Upper
142	100		
127	40.8	20.2	60.5
141	15.0	6.9	20.6



#12
Methyl Acetate
Concen: 20.59 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.3	19.3	28.9





#13

Acrolein

Concen: 98.74 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN049759.D

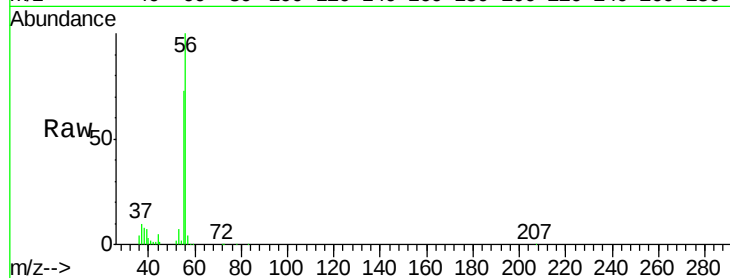
Acq: 11 Jul 2018 15:00

Tot Ion: 56 Resp: 147199

Ion Ratio Lower Upper

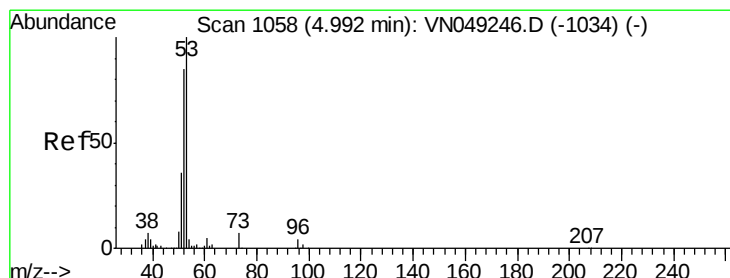
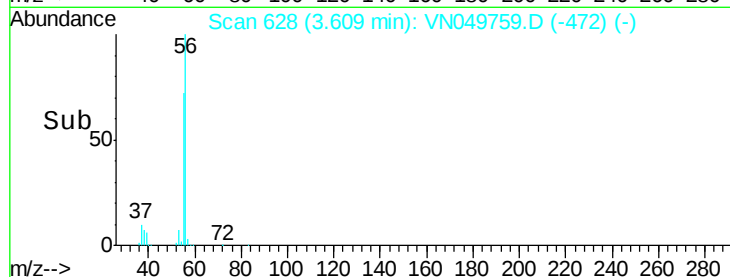
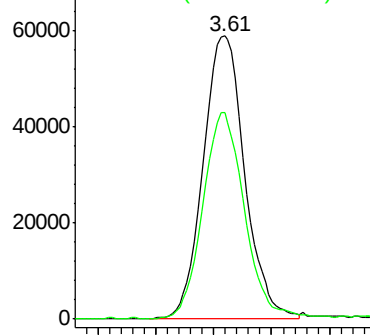
56 100

55 73.2 58.6 88.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Acrylonitrile

Concen: 96.57 ug/l

RT: 5.00 min Scan# 1059

Delta R.T. 0.00 min

Lab File: VN049759.D

Acq: 11 Jul 2018 15:00

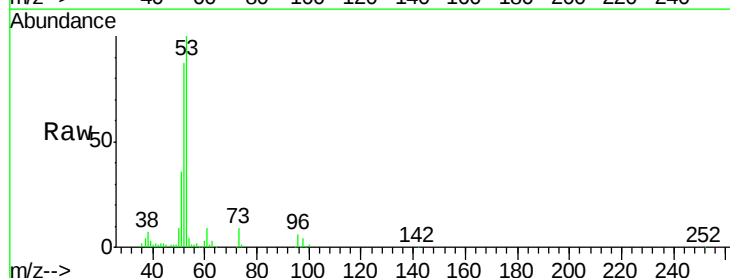
Tgt Ion: 53 Resp: 493715

Ion Ratio Lower Upper

53 100

52 83.4 41.5 124.5

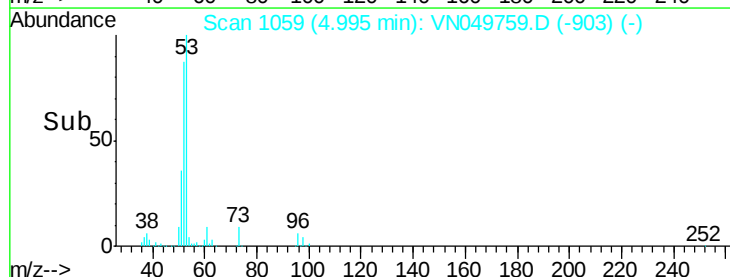
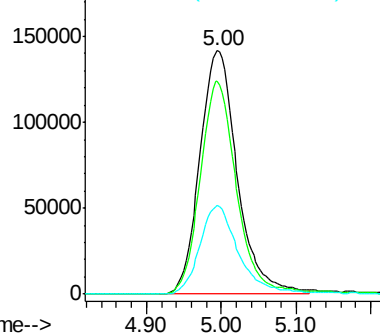
51 36.9 18.7 56.1

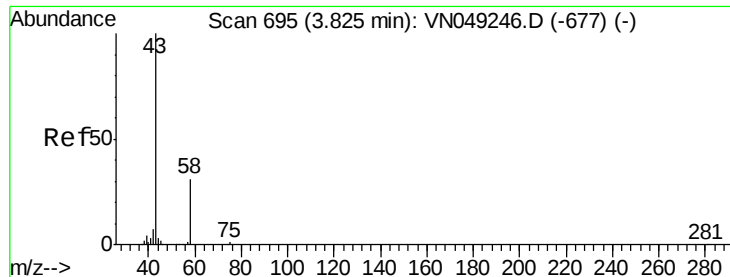


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#15

Acetone

Concen: 100.83 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049759.D

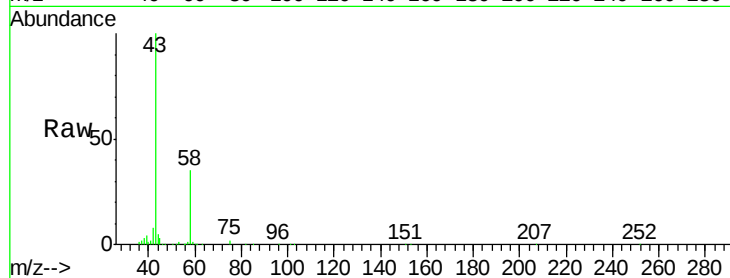
Acq: 11 Jul 2018 15:00

Tot Ion: 58 Resp: 130065

Ion Ratio Lower Upper

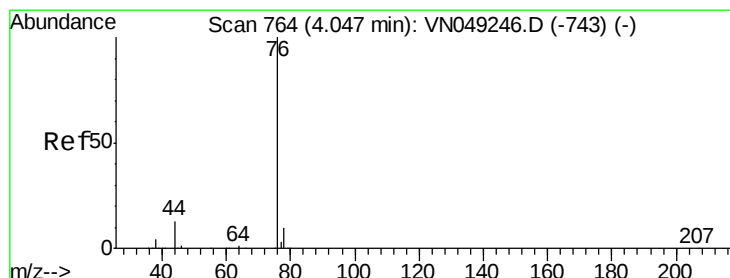
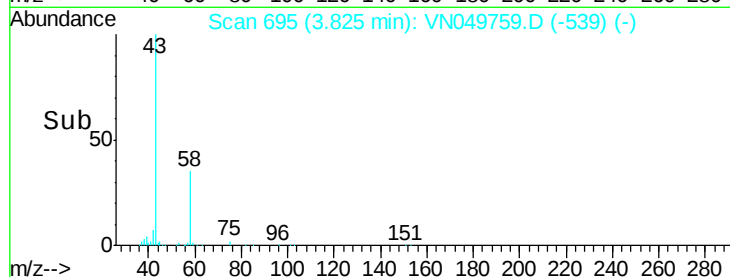
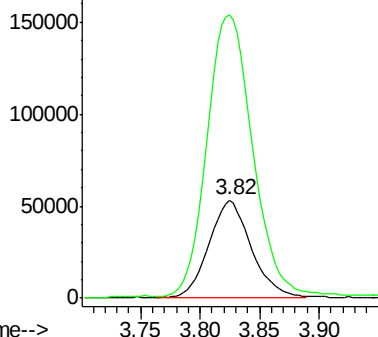
58 100

43 288.4 252.0 378.0



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

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



#16

Carbon Disulfide

Concen: 19.85 ug/l

RT: 4.05 min Scan# 764

Delta R.T. -0.00 min

Lab File: VN049759.D

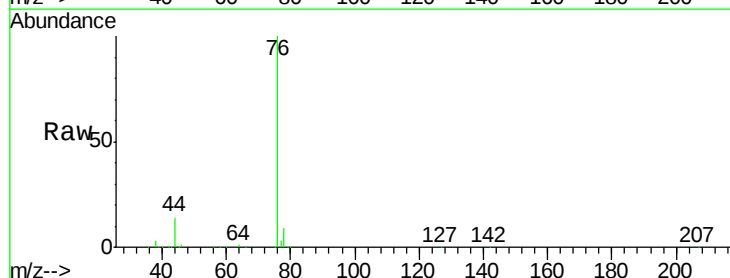
Acq: 11 Jul 2018 15:00

Tgt Ion: 76 Resp: 895134

Ion Ratio Lower Upper

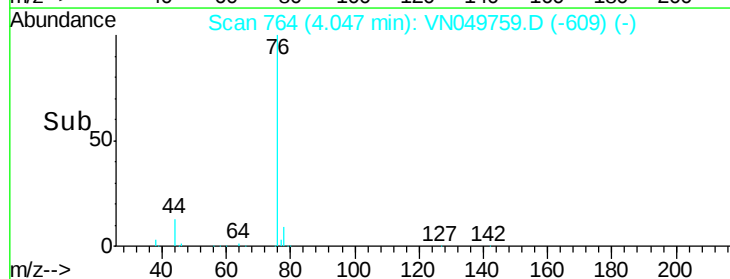
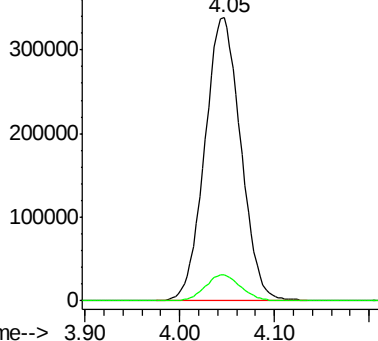
76 100

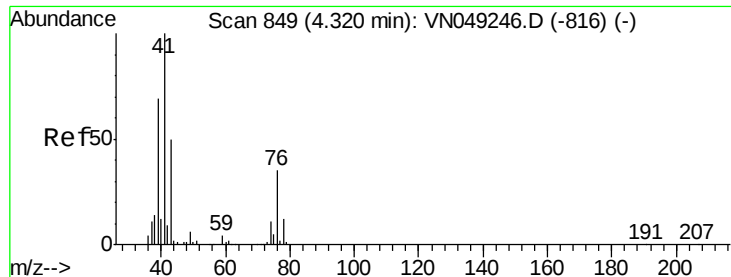
78 9.0 7.3 10.9



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

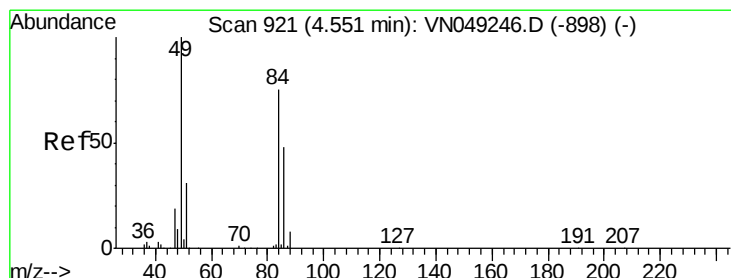
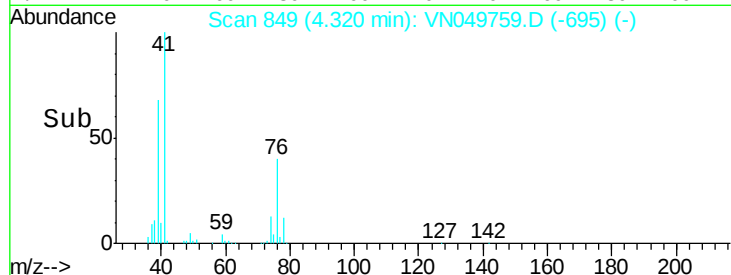
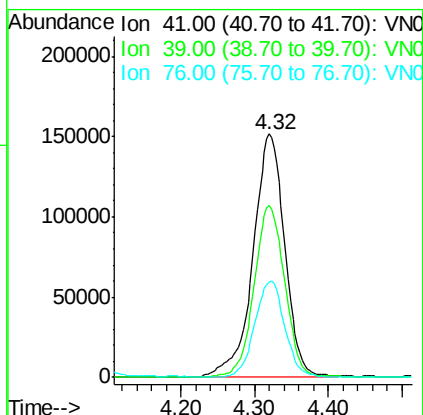
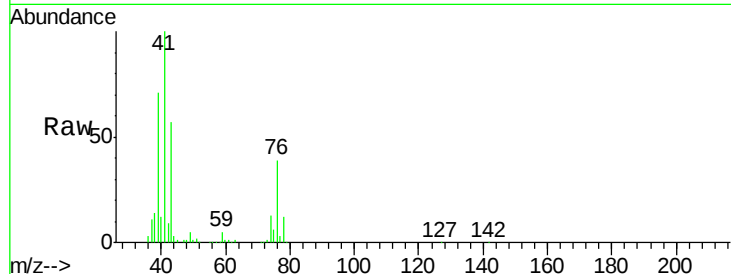
Ion 78.00 (77.70 to 78.70): VN049246.D (-743) (-)





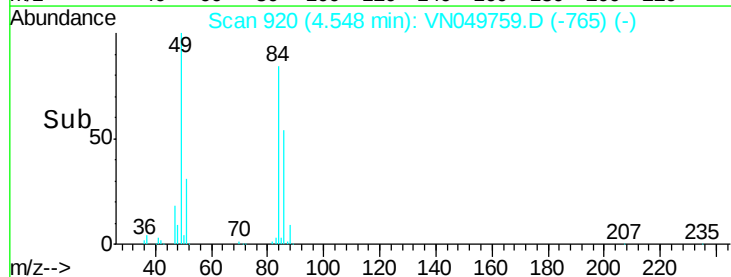
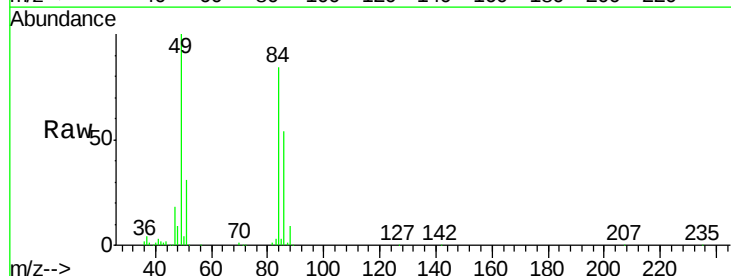
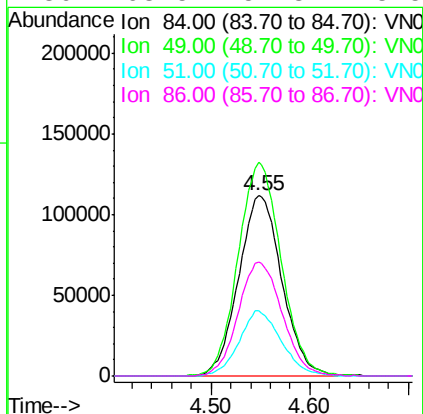
#17
Allvl chloride
Concen: 19.75 ug/l
RT: 4.32 min Scan# 849
Delta R.T. -0.01 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

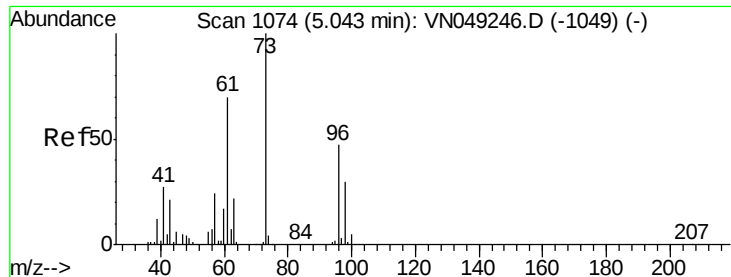
Tot Ion	Ratio	Lower	Upper
41	100		
39	70.7	35.4	106.3
76	38.6	19.7	59.1



#18
Methylene Chloride
Concen: 19.63 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.1	95.1	142.7
51	36.4	28.8	43.2
86	63.5	52.3	78.5





#19

trans-1,2-Dichloroethene

Concen: 19.80 ug/l

RT: 5.04 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VN049759.D

Acq: 11 Jul 2018 15:00

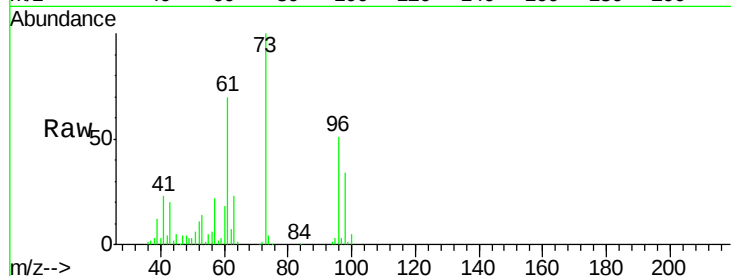
Tot Ion: 96 Resp: 304915

Ion Ratio Lower Upper

96 100

61 136.2 112.1 168.1

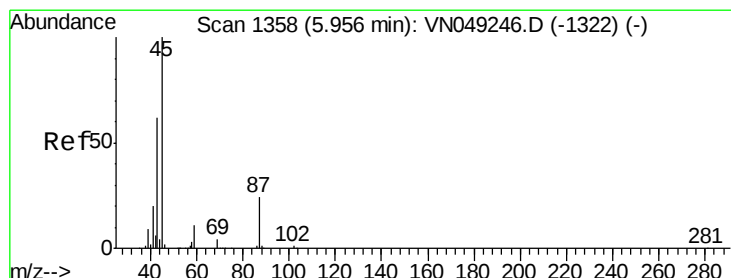
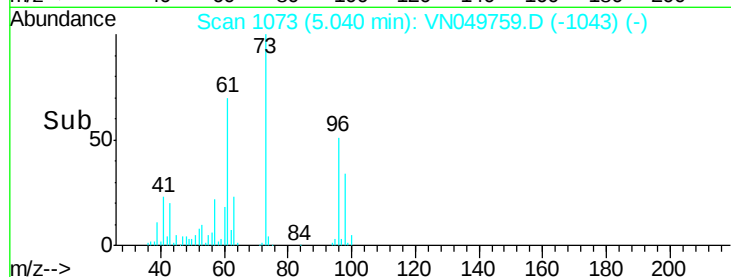
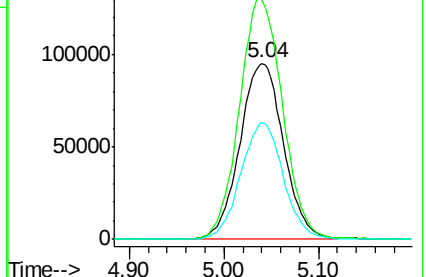
98 66.5 51.3 76.9



Abundance Ion 96.00 (95.70 to 96.70): VN049759.D (-1043) (-)

Ion 61.00 (60.70 to 61.70): VN049759.D (-1043) (-)

Ion 98.00 (97.70 to 98.70): VN049759.D (-1043) (-)



#20

Diisopropyl ether

Concen: 20.00 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. -0.00 min

Lab File: VN049759.D

Acq: 11 Jul 2018 15:00

Tgt Ion: 45 Resp: 929953

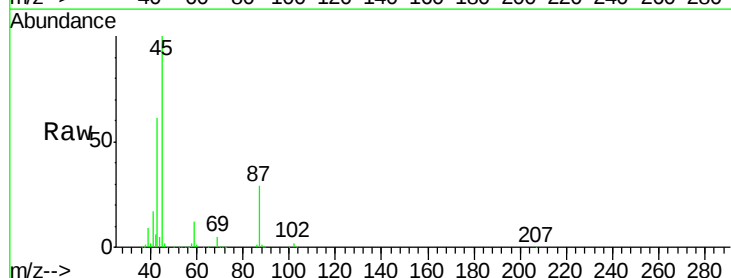
Ion Ratio Lower Upper

45 100

43 60.4 46.6 70.0

87 29.0 22.3 33.5

59 12.1 9.5 14.3

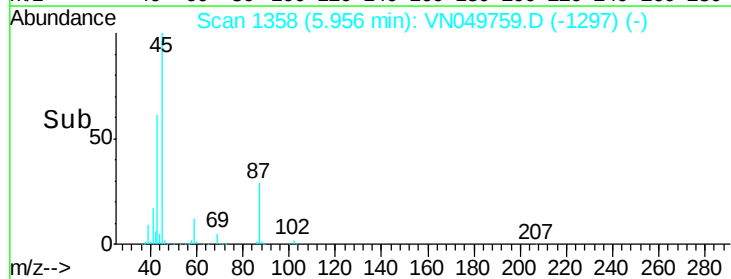
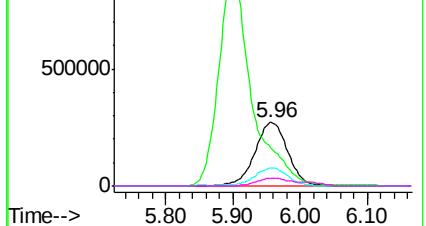


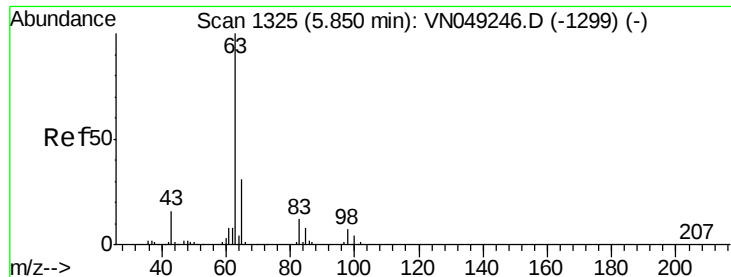
Abundance Ion 45.00 (44.70 to 45.70): VN049759.D (-1297) (-)

Ion 43.00 (42.70 to 43.70): VN049759.D (-1297) (-)

Ion 87.00 (86.70 to 87.70): VN049759.D (-1297) (-)

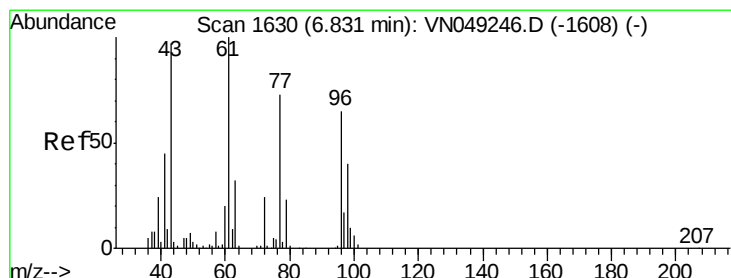
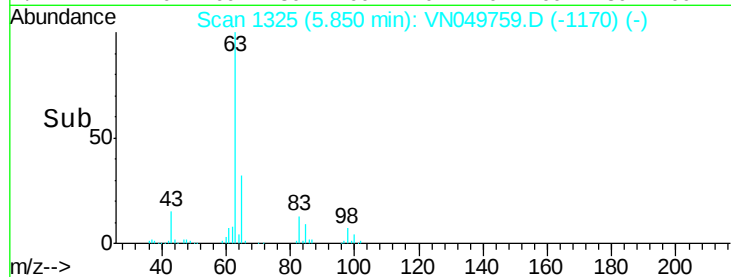
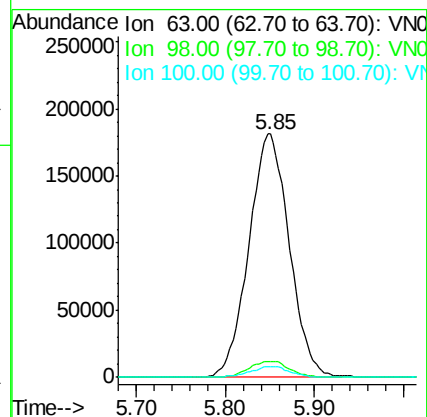
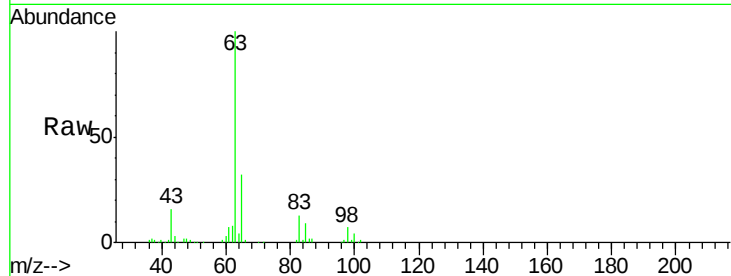
Ion 59.00 (58.70 to 59.70): VN049759.D (-1297) (-)





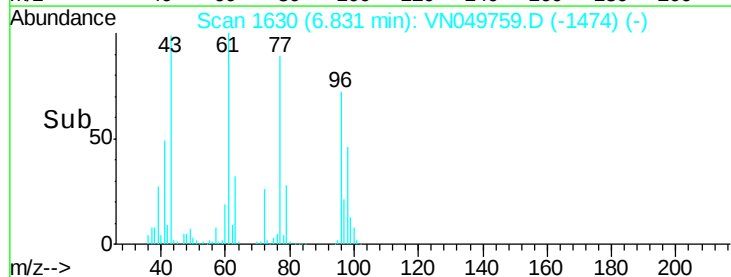
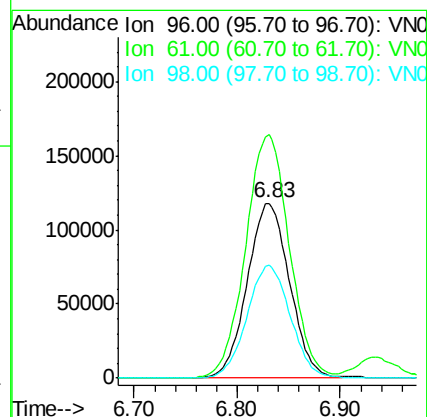
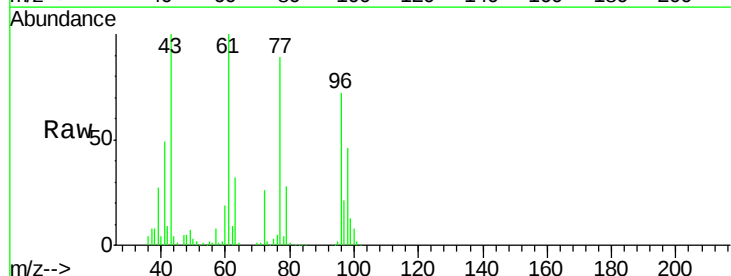
#21
 1,1-Dichloroethane
 Concen: 19.98 ug/l
 RT: 5.85 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: VN049759.D
 Acq: 11 Jul 2018 15:00

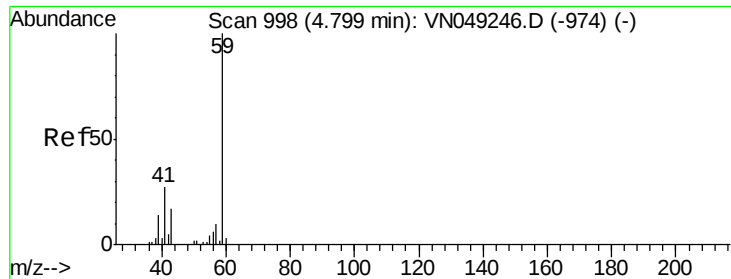
Tot Ion	Ratio	Lower	Upper
63	100		
98	6.5	3.5	10.6
100	4.4	2.3	6.8



#22
 cis-1,2-Dichloroethene
 Concen: 19.63 ug/l
 RT: 6.83 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: VN049759.D
 Acq: 11 Jul 2018 15:00

Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.8	114.2	171.2
98	66.0	51.7	77.5





#23

tert-Butyl Alcohol

Concen: 100.47 ug/l

RT: 4.81 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN049759.D

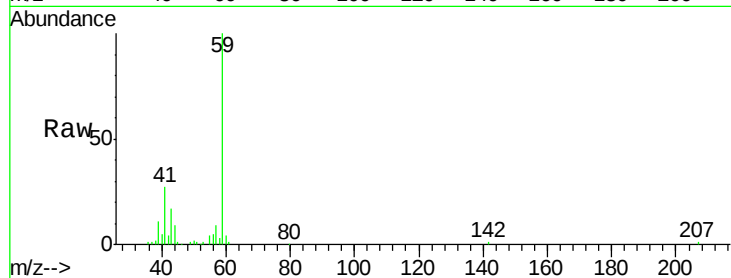
Acq: 11 Jul 2018 15:00

Tot Ion: 59 Resp: 107605

Ion Ratio Lower Upper

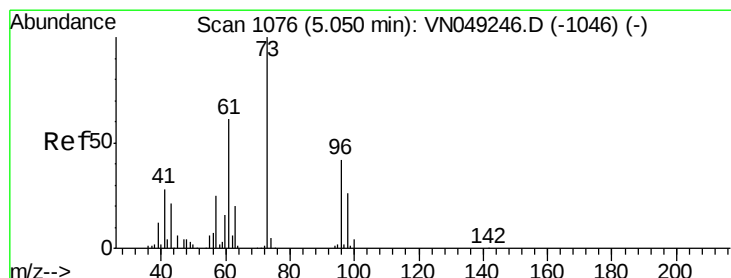
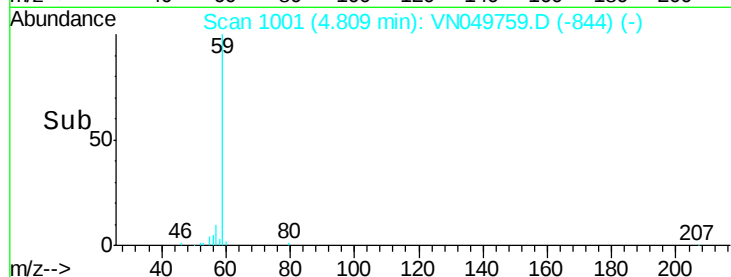
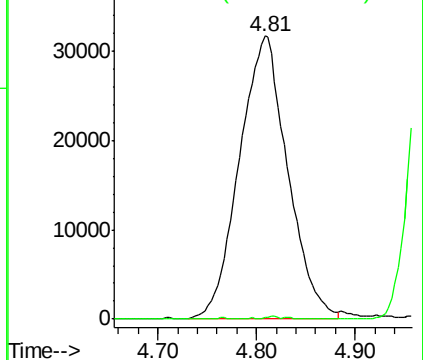
59 100

52 0.2 0.1 0.1#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#24

Methyl tert-Butyl Ether

Concen: 19.91 ug/l

RT: 5.05 min Scan# 1077

Delta R.T. 0.00 min

Lab File: VN049759.D

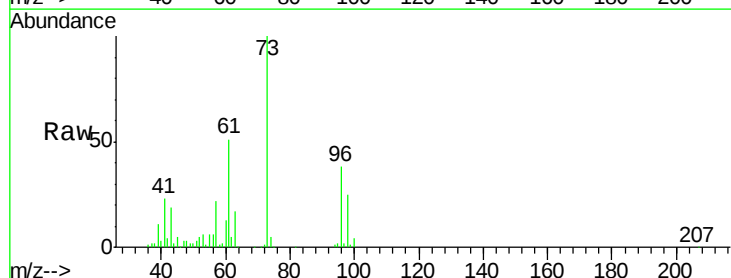
Acq: 11 Jul 2018 15:00

Tgt Ion: 73 Resp: 772375

Ion Ratio Lower Upper

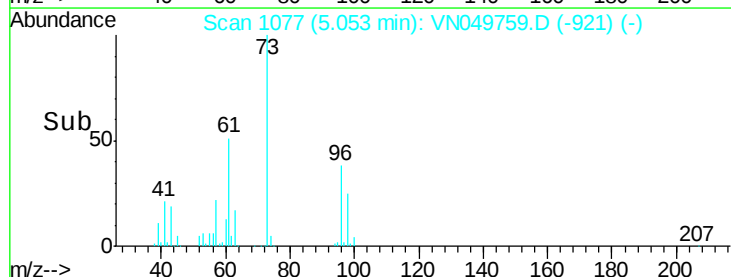
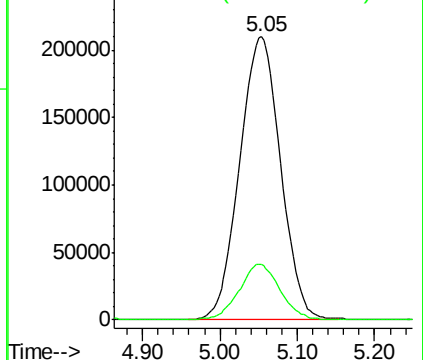
73 100

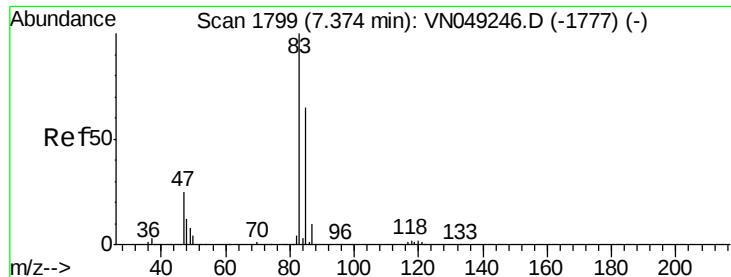
43 19.2 15.5 23.3



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 43.00 (42.70 to 43.70): VN0





#25

Chloroform

Concen: 19.84 ug/l

RT: 7.37 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VN049759.D

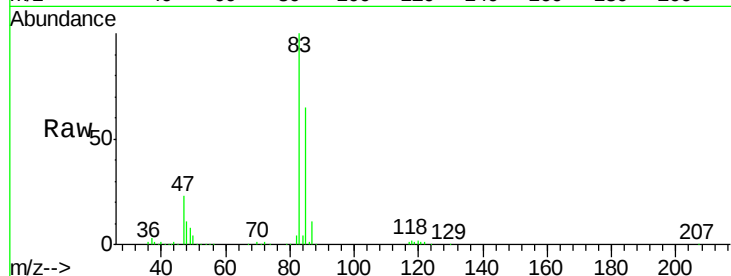
Acq: 11 Jul 2018 15:00

Tot Ion: 83 Resp: 571731

Ion Ratio Lower Upper

83 100

85 65.2 52.1 78.1



Abundance Ion 83.00 (82.70 to 83.70): VN049759.D (-1643) (-)

Ion 85.00 (84.70 to 85.70): VN049759.D (-1643) (-)

7.37

250000

200000

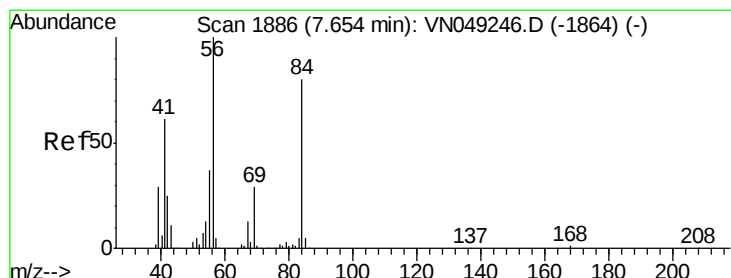
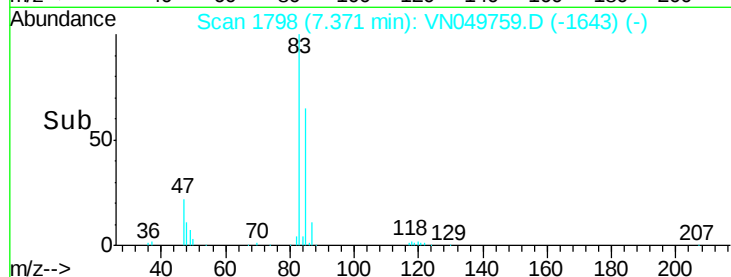
150000

100000

50000

0

Time-->



#26

Cyclohexane

Concen: 19.18 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VN049759.D

Acq: 11 Jul 2018 15:00

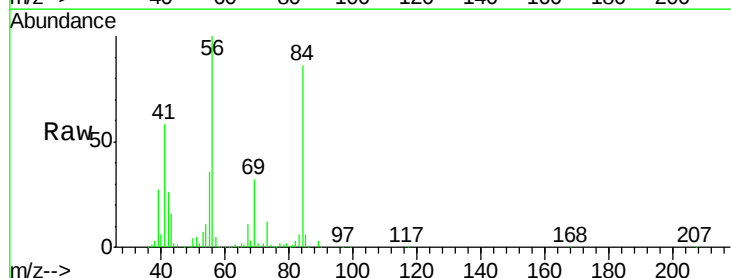
Tgt Ion: 56 Resp: 462035

Ion Ratio Lower Upper

56 100

89 3.7 3.0 4.4

84 86.4 69.8 104.8



Abundance Ion 56.00 (55.70 to 56.70): VN049759.D (-1730) (-)

Ion 89.00 (88.70 to 89.70): VN049759.D (-1730) (-)

Ion 84.00 (83.70 to 84.70): VN049759.D (-1730) (-)

7.65

300000

250000

200000

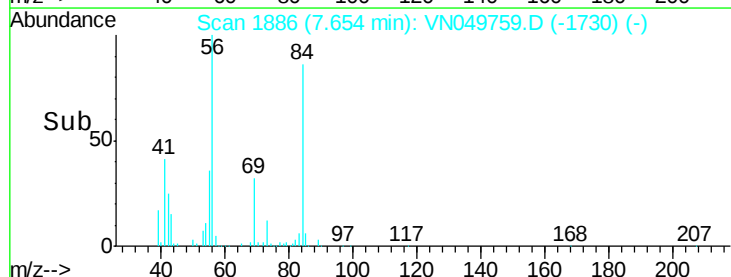
150000

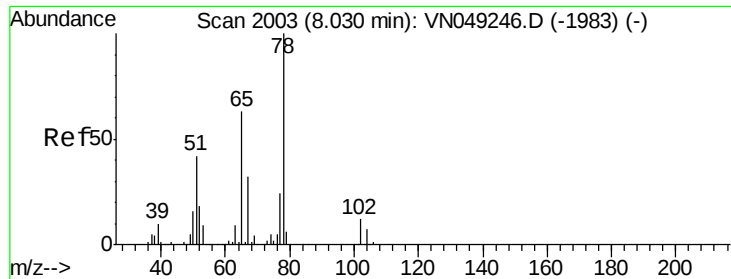
100000

50000

0

Time-->





#27

1,2-Dichloroethane-d4

Concen: 30.76 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. -0.00 min

Lab File: VN049759.D

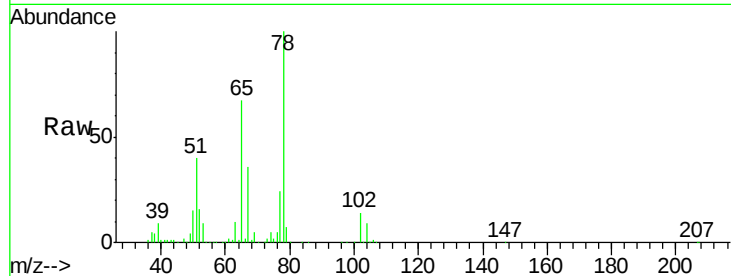
Acq: 11 Jul 2018 15:00

Tot Ion: 65 Resp: 528350

Ion Ratio Lower Upper

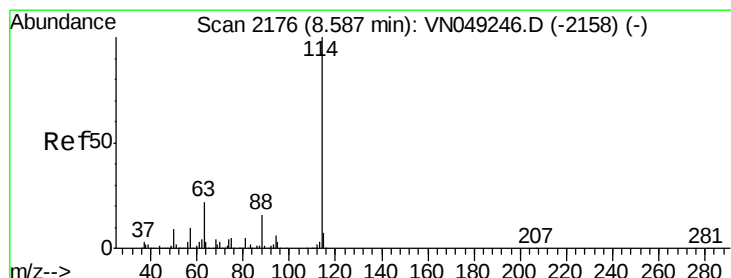
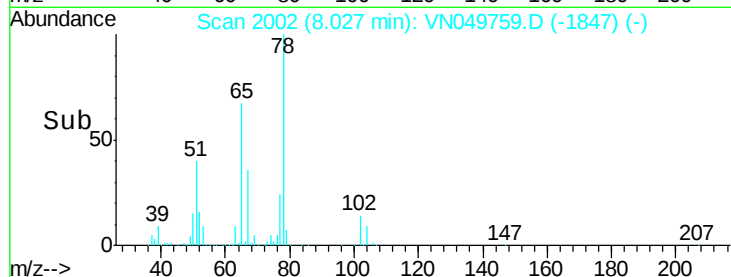
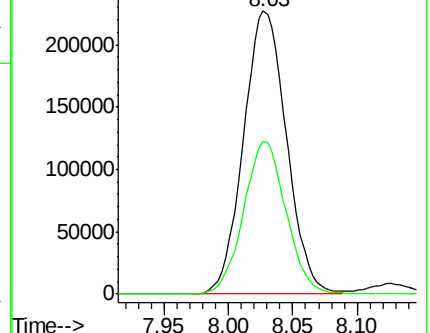
65 100

67 53.3 42.7 64.1



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049759.D

Acq: 11 Jul 2018 15:00

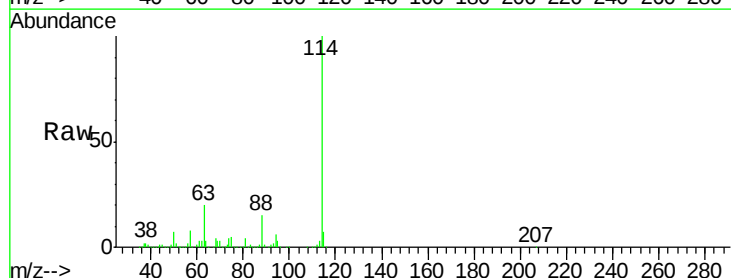
Tgt Ion: 114 Resp: 1394551

Ion Ratio Lower Upper

114 100

63 19.8 16.2 24.2

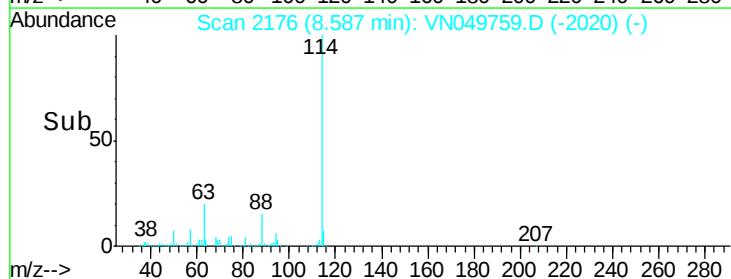
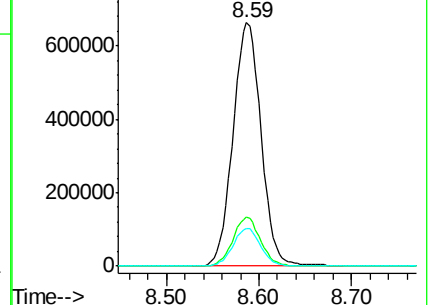
88 15.2 12.3 18.5

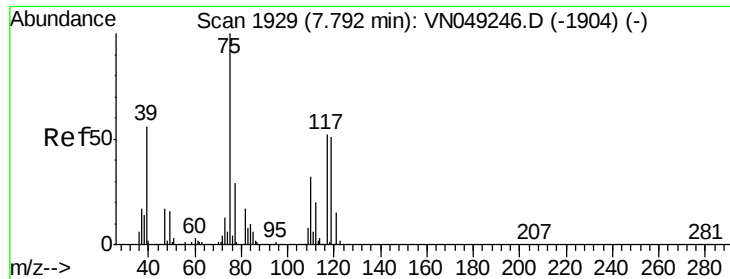


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 88.00 (87.70 to 88.70): VN0





#29

1,1-Dichloropropene

Concen: 19.50 ug/l

RT: 7.79 min Scan# 1929

Delta R.T. 0.00 min

Lab File: VN049759.D

Acq: 11 Jul 2018 15:00

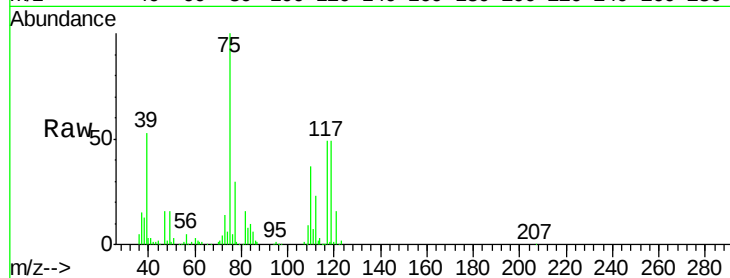
Tot Ion: 75 Resp: 432706

Ion Ratio Lower Upper

75 100

110 36.7 0.0 73.2

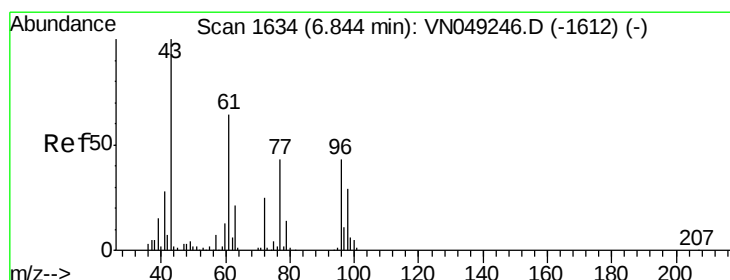
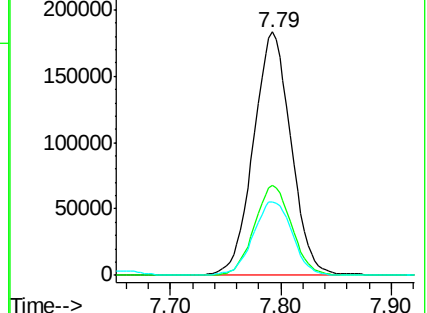
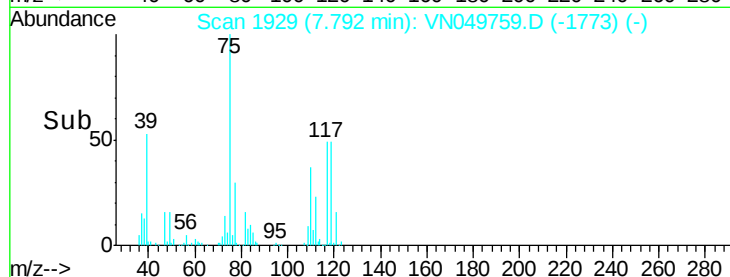
77 31.3 0.0 62.0



Abundance Ion 75.00 (74.70 to 75.70): VN049759.D (-1773) (-)

Ion 110.00 (109.70 to 110.70): VN049759.D (-1773) (-)

Ion 77.00 (76.70 to 77.70): VN049759.D (-1773) (-)



#30

2-Butanone

Concen: 96.52 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VN049759.D

Acq: 11 Jul 2018 15:00

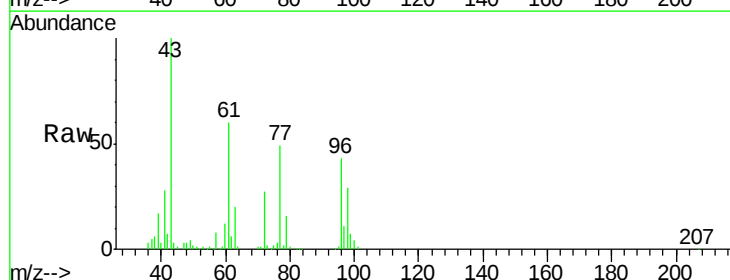
Tgt Ion: 43 Resp: 596725

Ion Ratio Lower Upper

43 100

57 8.4 6.8 10.2

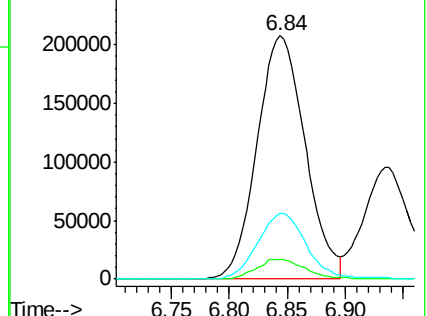
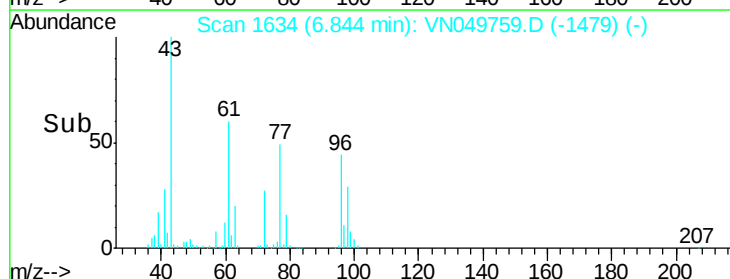
72 27.4 21.4 32.0

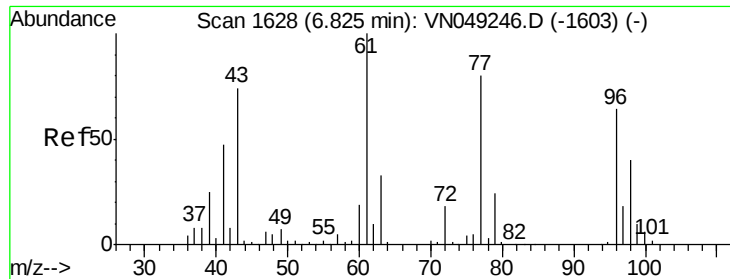


Abundance Ion 43.00 (42.70 to 43.70): VN049759.D (-1479) (-)

Ion 57.00 (56.70 to 57.70): VN049759.D (-1479) (-)

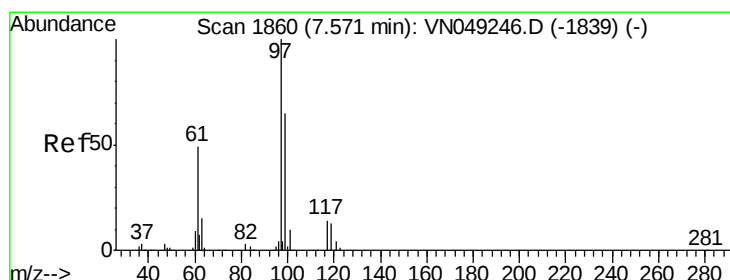
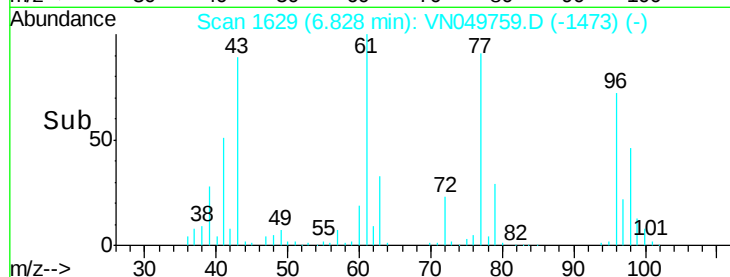
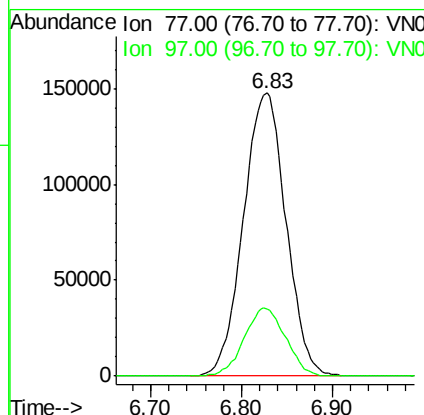
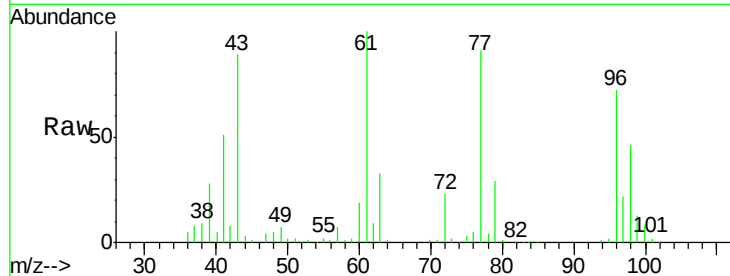
Ion 72.00 (71.70 to 72.70): VN049759.D (-1479) (-)





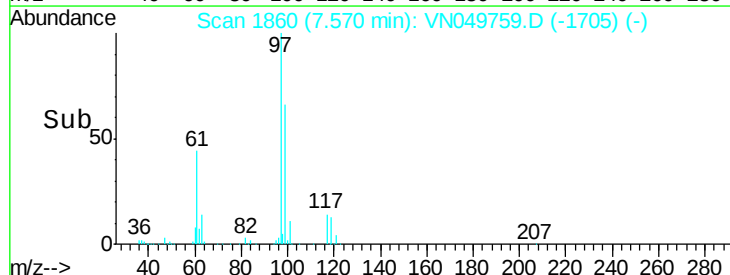
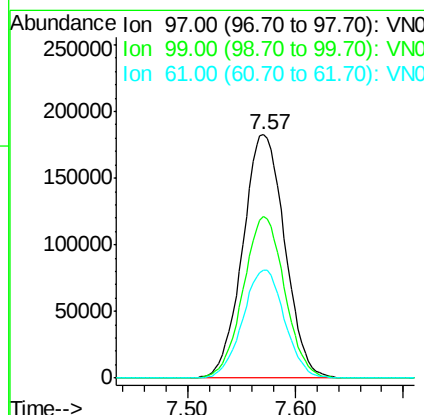
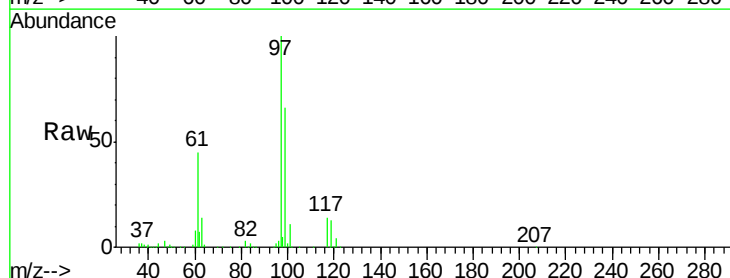
#31
 2,2-Dichloropropane
 Concen: 20.15 ug/l
 RT: 6.83 min Scan# 1629
 Delta R.T. 0.00 min
 Lab File: VN049759.D
 Acq: 11 Jul 2018 15:00

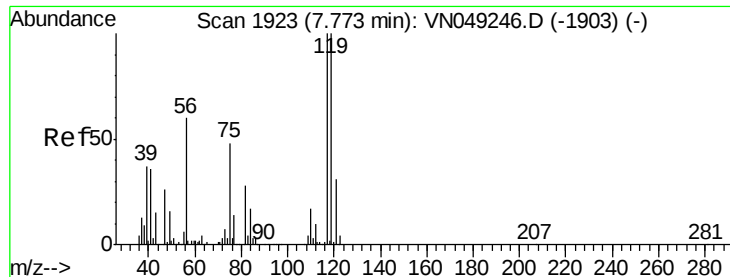
Tot Ion: 77 Resp: 479474
 Ion Ratio Lower Upper
 77 100
 97 23.4 18.9 28.3



#32
 1,1,1-Trichloroethane
 Concen: 19.42 ug/l
 RT: 7.57 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VN049759.D
 Acq: 11 Jul 2018 15:00

Tgt Ion: 97 Resp: 495349
 Ion Ratio Lower Upper
 97 100
 99 65.3 51.2 76.8
 61 43.9 35.3 52.9





#33

Carbon Tetrachloride

Concen: 19.47 ug/l

RT: 7.77 min Scan# 1923

Delta R.T. -0.00 min

Lab File: VN049759.D

Acq: 11 Jul 2018 15:00

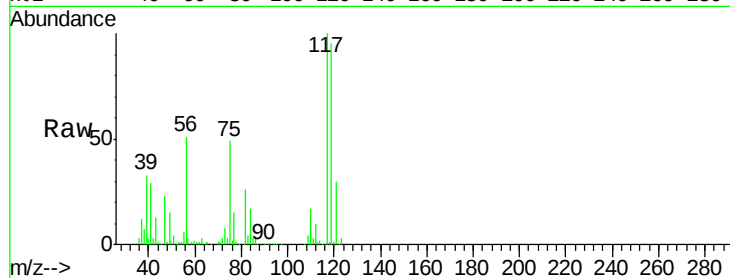
Tot Ion:117 Resp: 440251

Ion Ratio Lower Upper

117 100

119 94.9 76.9 115.3

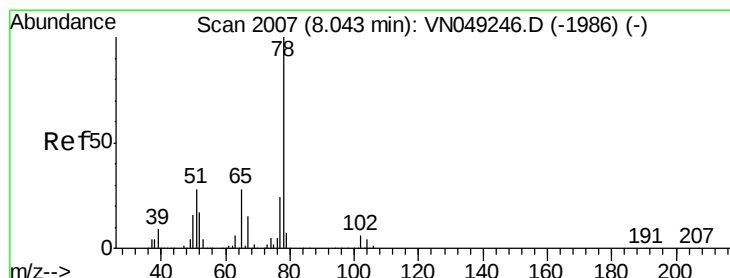
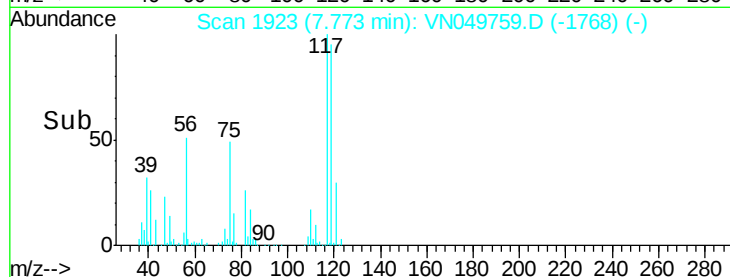
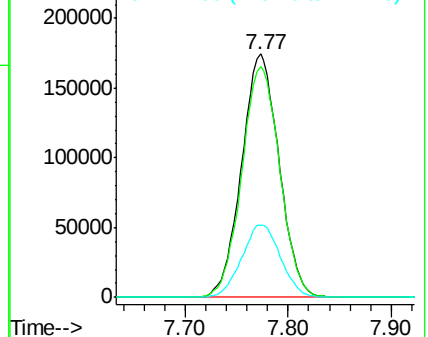
121 29.8 24.4 36.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 19.36 ug/l

RT: 8.04 min Scan# 2007

Delta R.T. 0.00 min

Lab File: VN049759.D

Acq: 11 Jul 2018 15:00

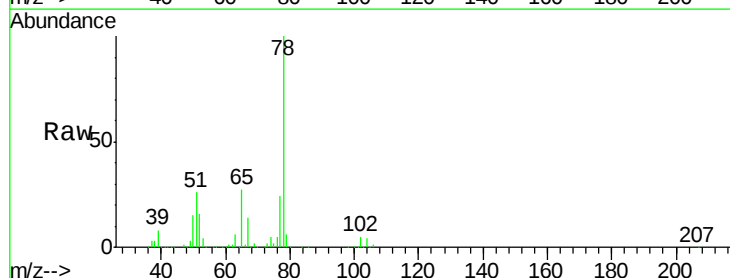
Tgt Ion: 78 Resp: 1288135

Ion Ratio Lower Upper

78 100

77 23.8 19.1 28.7

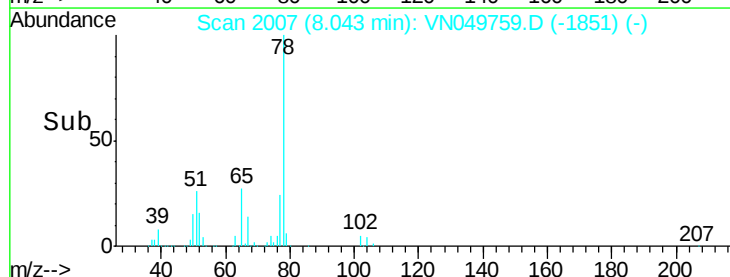
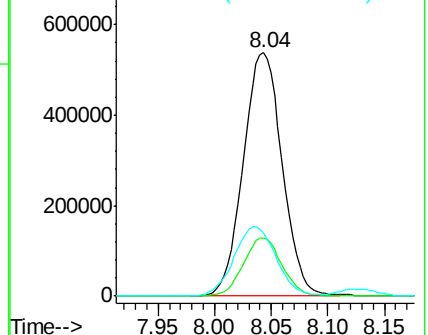
51 25.8 21.0 31.4

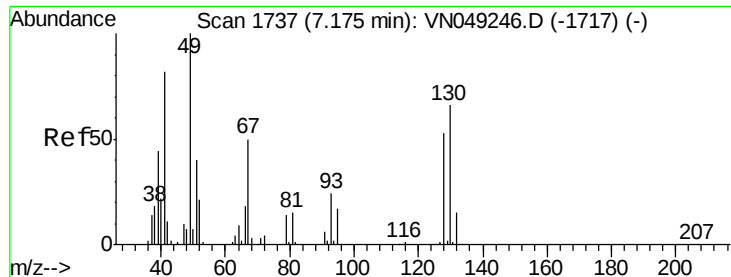


Abundance Ion 78.10 (77.80 to 78.80): V

Ion 77.00 (76.70 to 77.70): V

Ion 51.00 (50.70 to 51.70): V

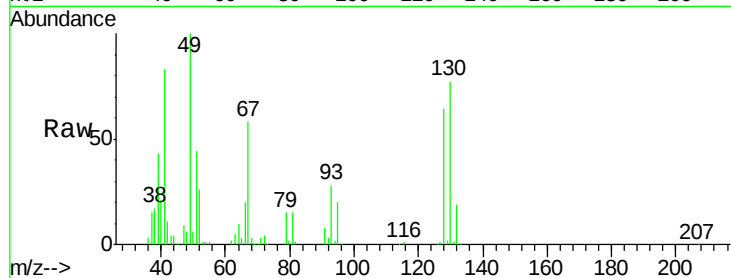




#35
Methacrylonitrile
Concen: 16.06 ug/l
RT: 7.17 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

Tot Ion: 41 Resp: 113384

Ion	Ratio	Lower	Upper
41	100		
39	52.3	27.6	82.7
67	70.1	35.1	105.5
52	30.1	14.1	42.4



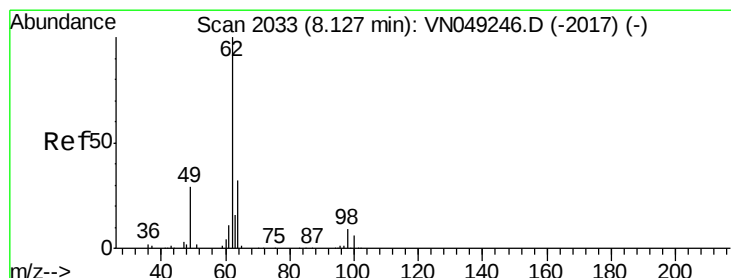
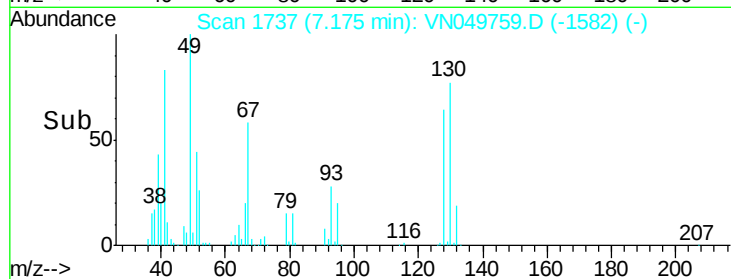
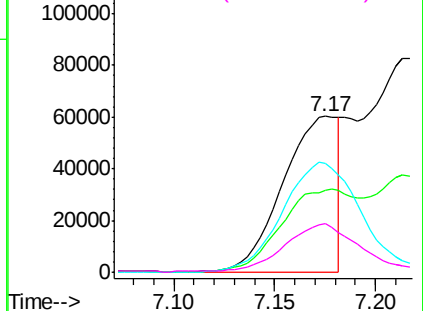
Abundance

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

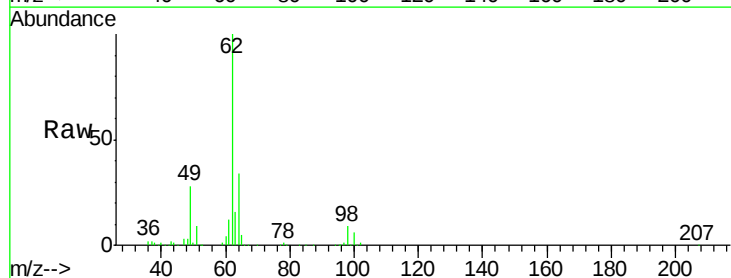
Ion 52.00 (51.70 to 52.70): VN0



#36
1,2-Dichloroethane
Concen: 19.63 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

Tgt Ion: 62 Resp: 417023

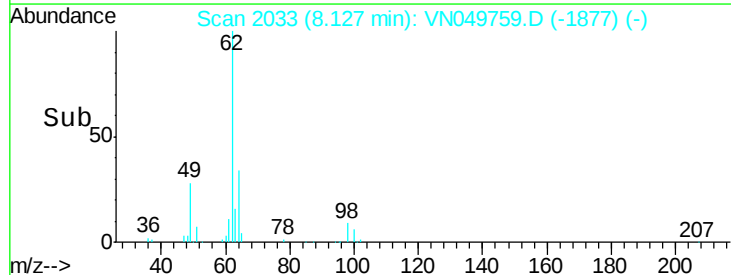
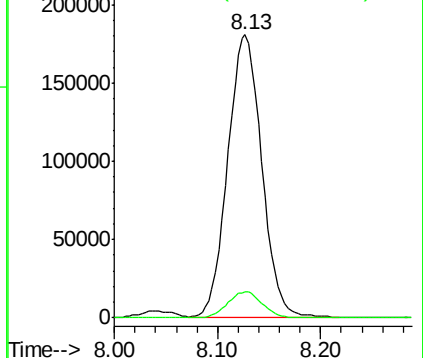
Ion	Ratio	Lower	Upper
62	100		
98	9.4	7.8	11.6

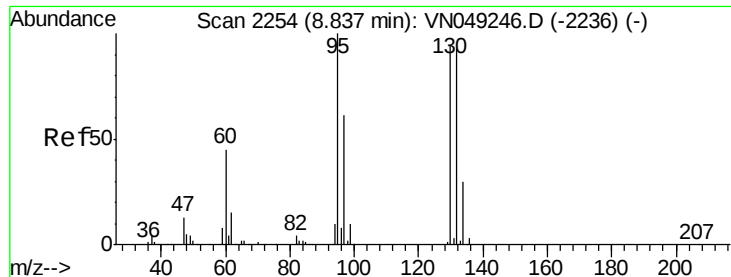


Abundance

Ion 62.00 (61.70 to 62.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#37

Trichloroethene

Concen: 19.37 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN049759.D

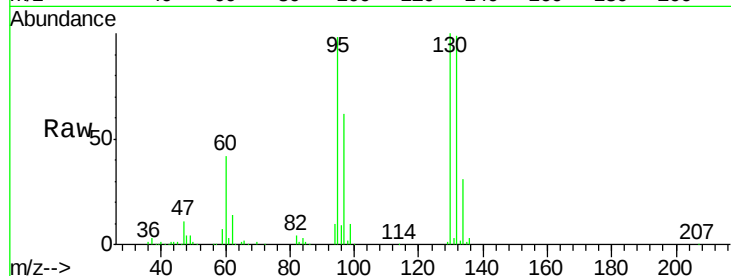
Acq: 11 Jul 2018 15:00

Tot Ion:130 Resp: 335890

Ion Ratio Lower Upper

130 100

95 97.9 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

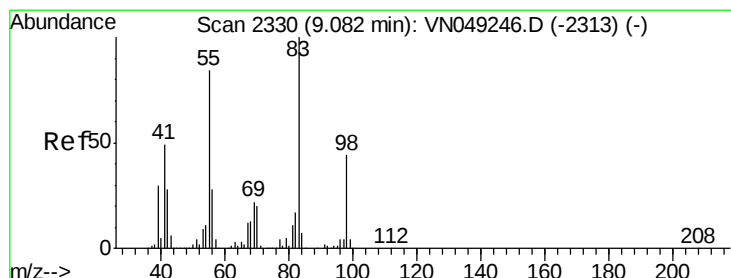
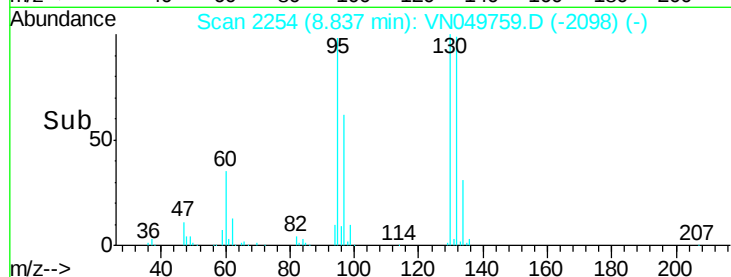
150000

100000

50000

0

Time-->



#38

Methylcyclohexane

Concen: 18.93 ug/l

RT: 9.08 min Scan# 2330

Delta R.T. 0.00 min

Lab File: VN049759.D

Acq: 11 Jul 2018 15:00

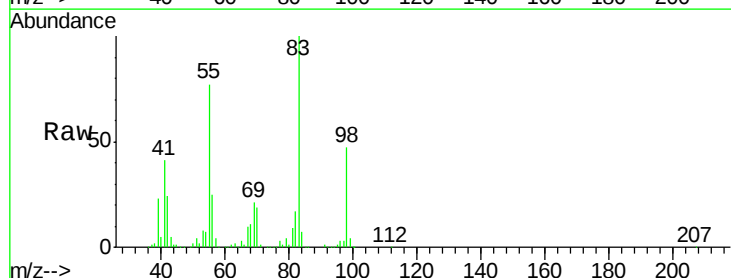
Tgt Ion: 83 Resp: 452565

Ion Ratio Lower Upper

83 100

55 77.2 39.3 117.8

98 45.9 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

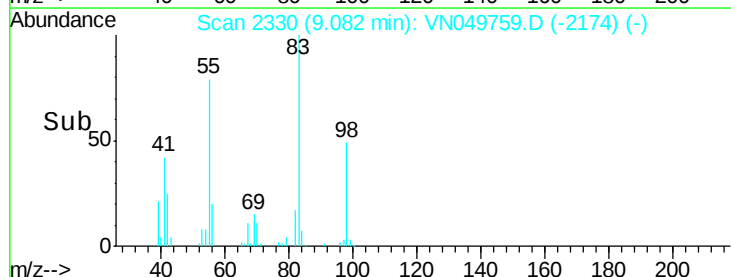
150000

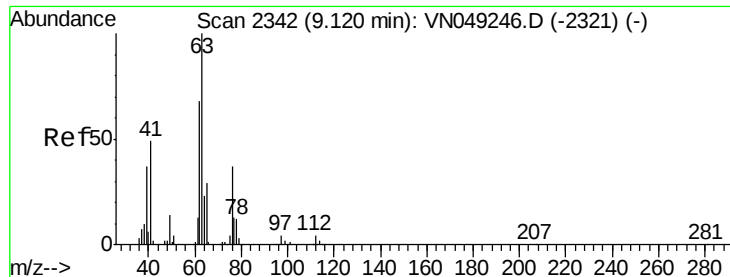
100000

50000

0

Time-->





#39

1,2-Dichloropropane

Concen: 19.40 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. -0.00 min

Lab File: VN049759.D

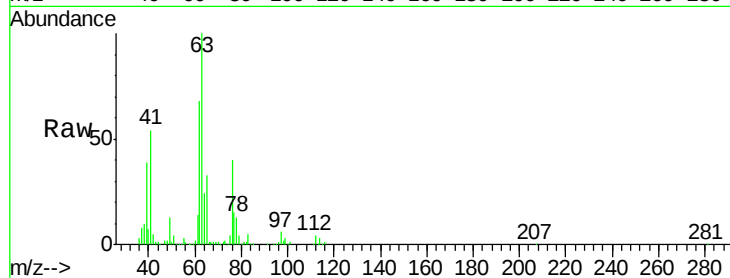
Acq: 11 Jul 2018 15:00

Tot Ion: 63 Resp: 335209

Ion Ratio Lower Upper

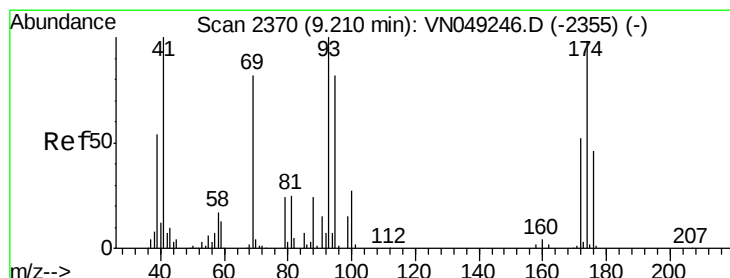
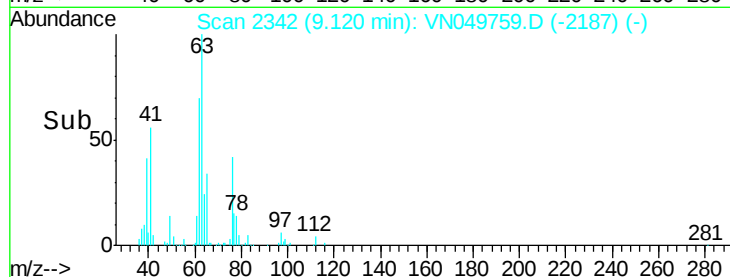
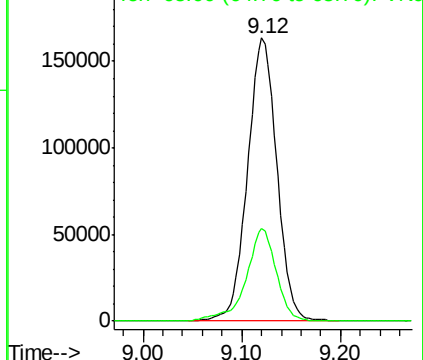
63 100

65 32.7 24.2 36.2



Abundance Ion 63.00 (62.70 to 63.70): VN0

Ion 65.00 (64.70 to 65.70): VN0



#40

Dibromomethane

Concen: 19.81 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN049759.D

Acq: 11 Jul 2018 15:00

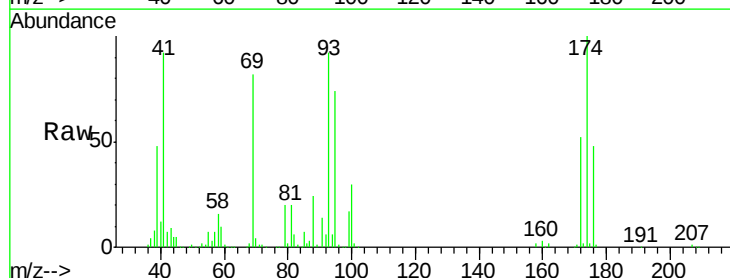
Tgt Ion: 93 Resp: 205854

Ion Ratio Lower Upper

93 100

95 82.6 0.0 165.6

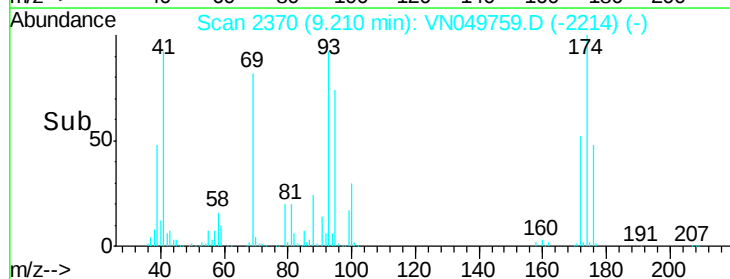
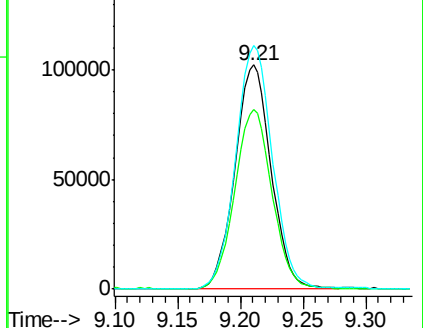
174 110.3 0.0 223.2

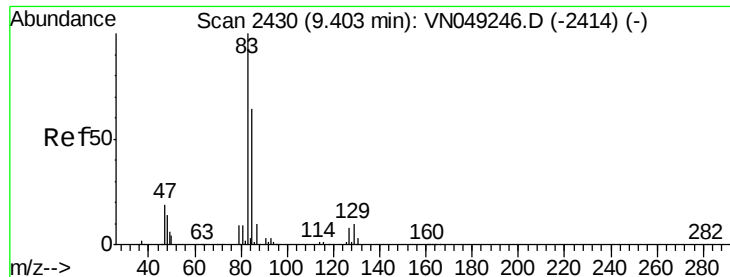


Abundance Ion 93.00 (92.70 to 93.70): VN0

Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 19.38 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VN049759.D

Acq: 11 Jul 2018 15:00

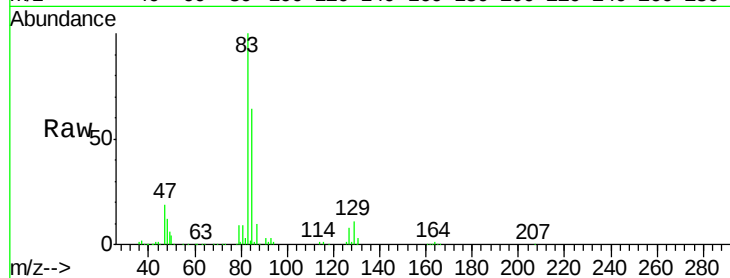
Tot Ion: 83 Resp: 432993

Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.6	78.8
127	8.4	7.0	10.4

83 100

85 64.2 52.6 78.8

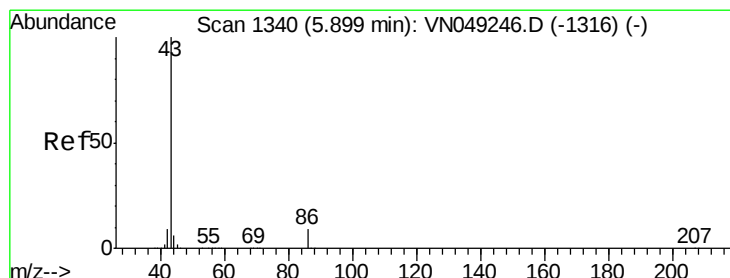
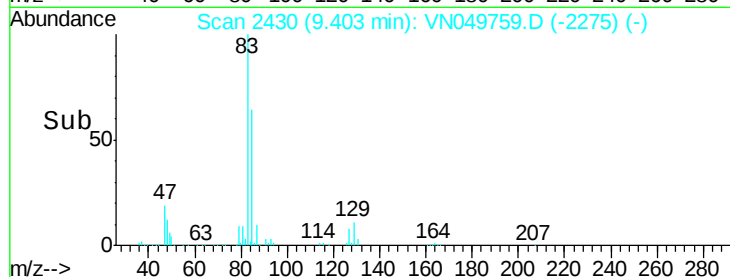
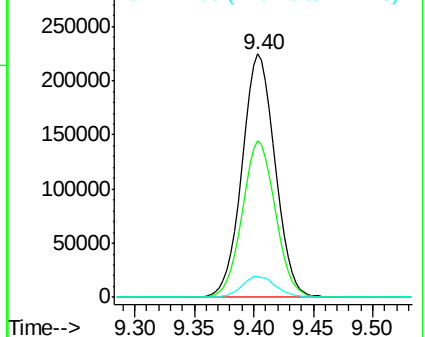
127 8.4 7.0 10.4



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: 95.07 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VN049759.D

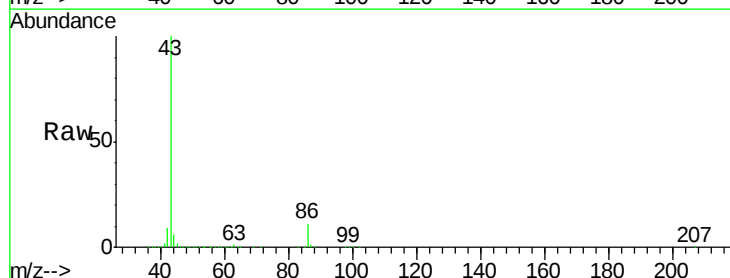
Acq: 11 Jul 2018 15:00

Tgt Ion: 43 Resp: 3119072

Ion	Ratio	Lower	Upper
43	100		
86	9.0	7.3	10.9

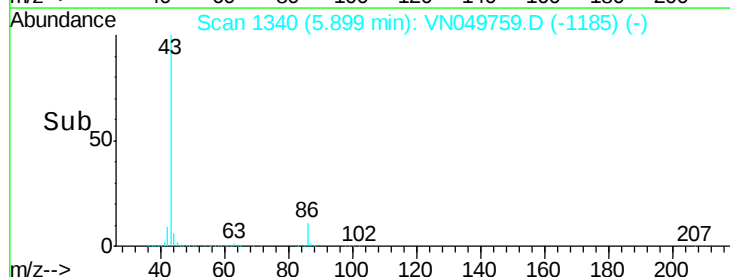
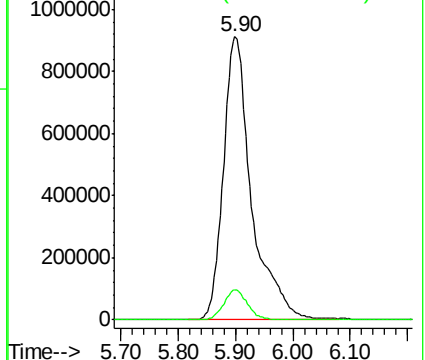
43 100

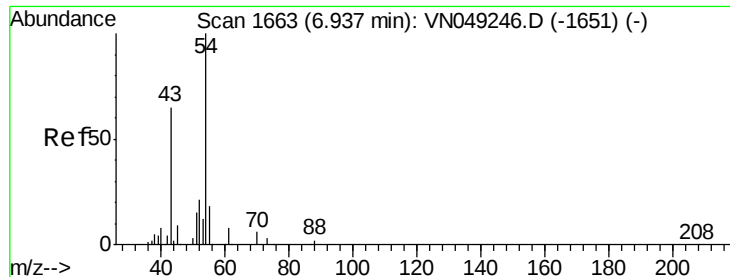
86 9.0 7.3 10.9



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: 20.52 ug/l

RT: 6.93 min Scan# 1662

Delta R.T. -0.00 min

Lab File: VN049759.D

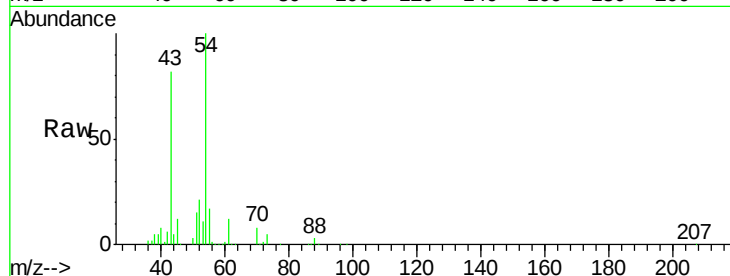
Acq: 11 Jul 2018 15:00

Tot Ion: 43 Resp: 267883

Ion Ratio Lower Upper

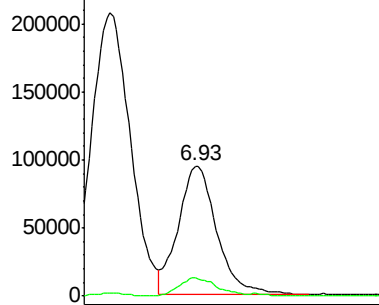
43 100

45 13.2 13.0 19.6

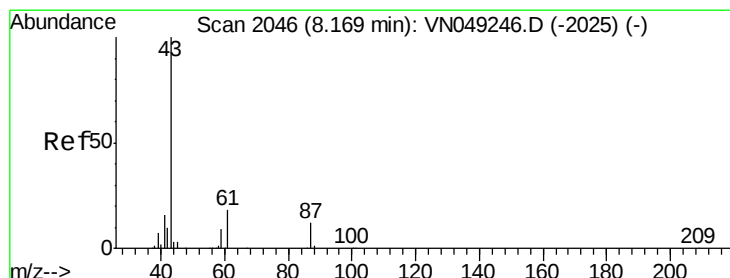
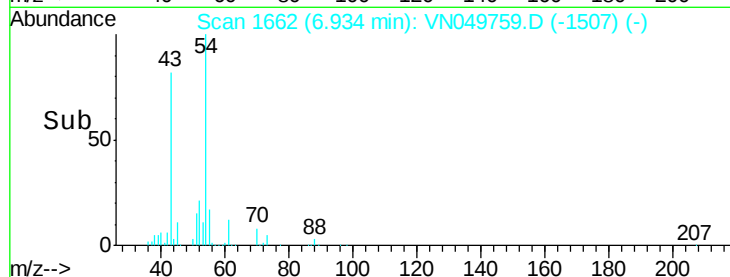


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



Time-->



#44

Isopropyl Acetate

Concen: 18.86 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN049759.D

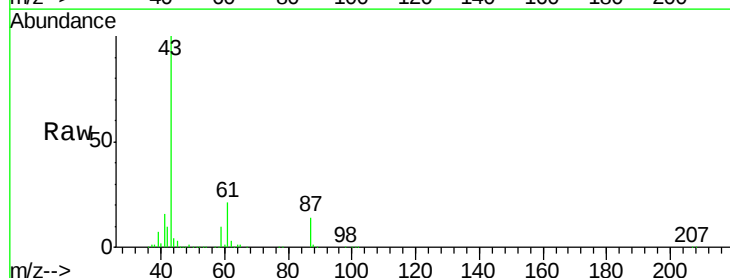
Acq: 11 Jul 2018 15:00

Tgt Ion: 43 Resp: 460415

Ion Ratio Lower Upper

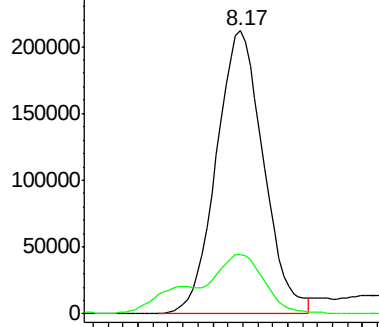
43 100

61 21.1 16.4 24.6

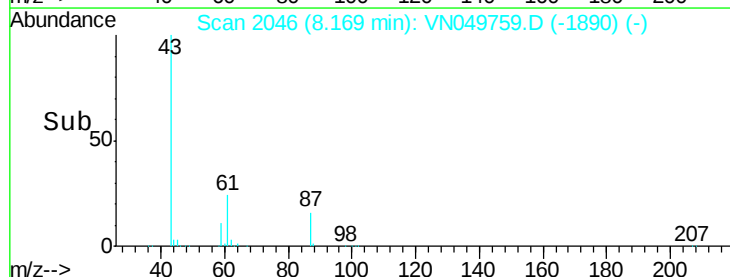


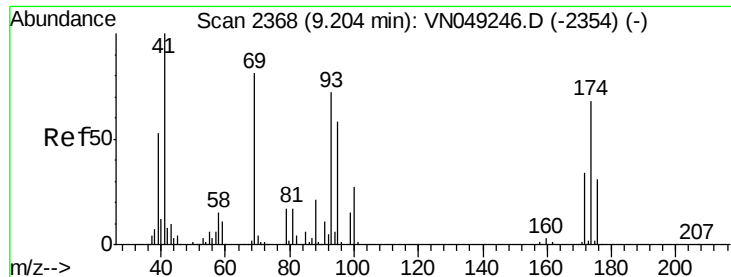
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



Time-->





#45

1,4-Dioxane

Concen: 383.86 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. -0.00 min

Lab File: VN049759.D

Acq: 11 Jul 2018 15:00

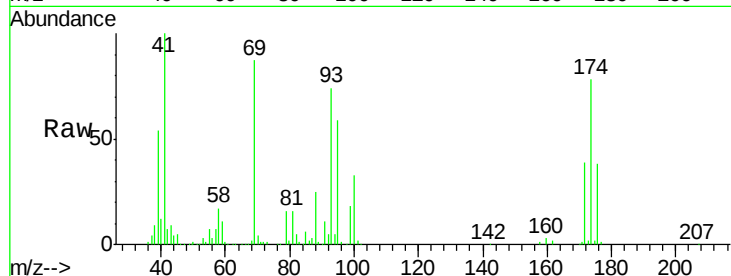
Tot Ion: 88 Resp: 61689

Ion Ratio Lower Upper

88 100

43 30.9 26.9 40.3

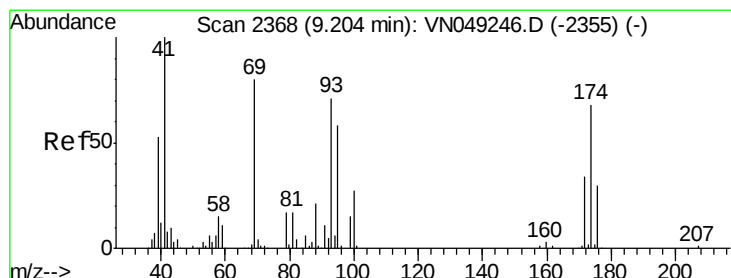
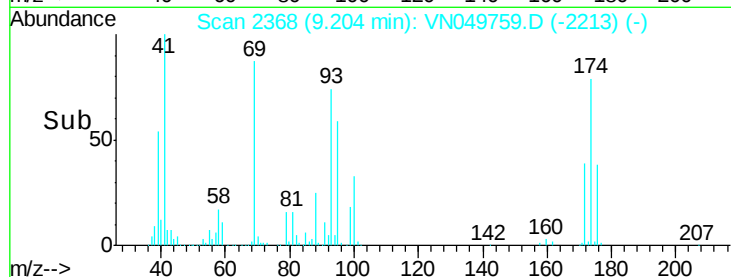
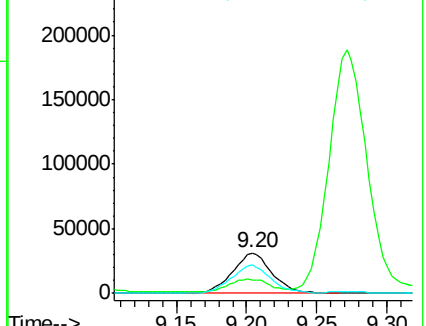
58 69.9 53.6 80.4



Abundance Ion 88.00 (87.70 to 88.70): VN049246.D (-2354) (-)

Ion 43.00 (42.70 to 43.70): VN049246.D (-2354) (-)

Ion 58.00 (57.70 to 58.70): VN049246.D (-2354) (-)



#46

Methyl methacrylate

Concen: 19.34 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN049759.D

Acq: 11 Jul 2018 15:00

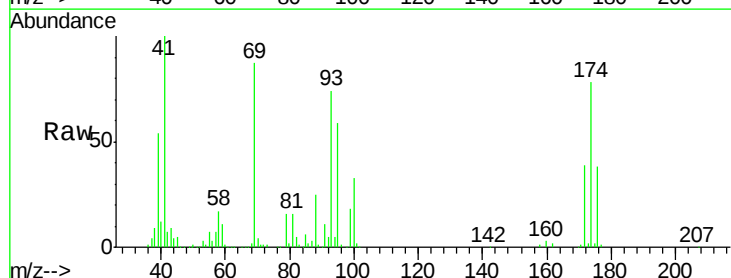
Tgt Ion: 41 Resp: 236738

Ion Ratio Lower Upper

41 100

69 88.1 44.0 132.1

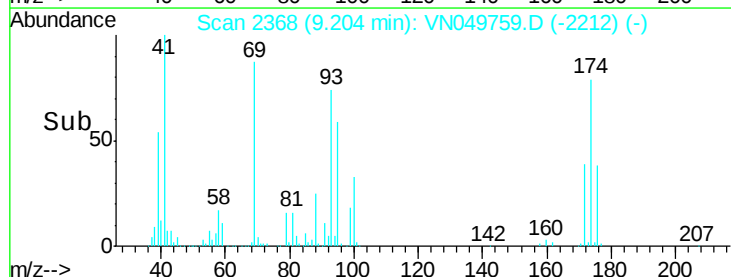
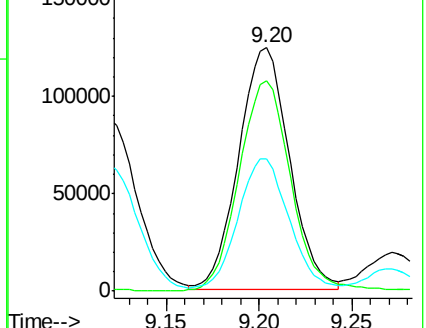
39 54.0 27.0 80.8

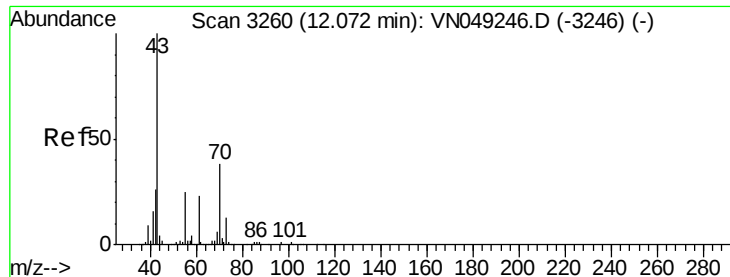


Abundance Ion 41.00 (40.70 to 41.70): VN049246.D (-2355) (-)

Ion 69.00 (68.70 to 69.70): VN049246.D (-2355) (-)

Ion 39.00 (38.70 to 39.70): VN049246.D (-2355) (-)





#47

n-amyl Acetate

Concen: 18.49 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049759.D

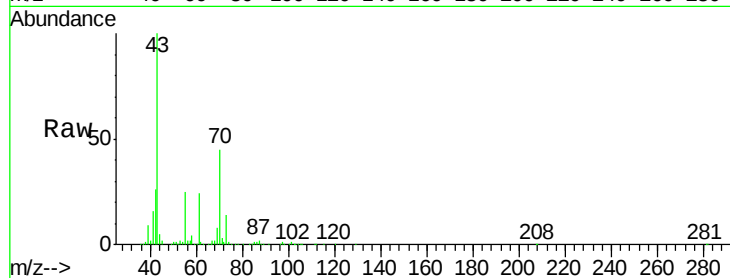
Acq: 11 Jul 2018 15:00

Tot Ion: 43 Resp: 380242

Ion Ratio Lower Upper

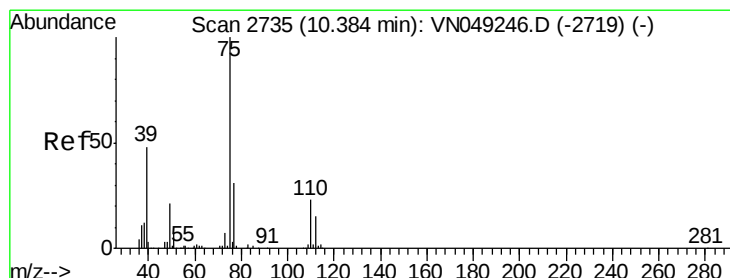
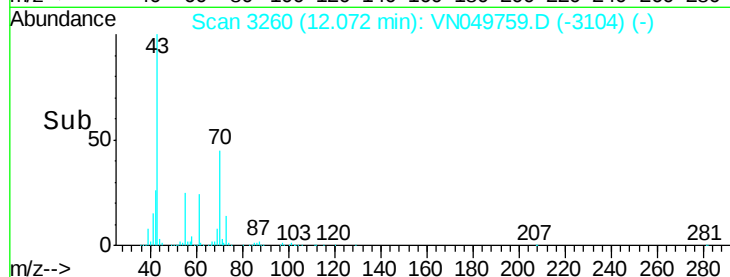
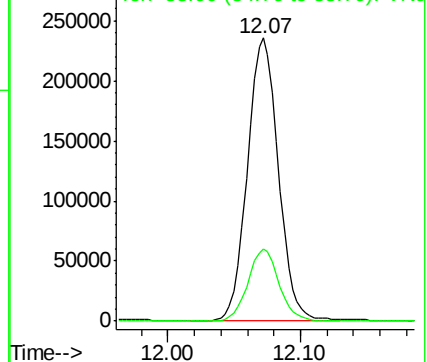
43 100

55 25.7 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#48

t-1,3-Dichloropropene

Concen: 19.07 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN049759.D

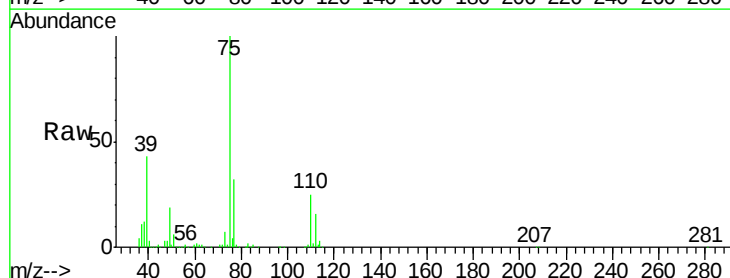
Acq: 11 Jul 2018 15:00

Tgt Ion: 75 Resp: 429437

Ion Ratio Lower Upper

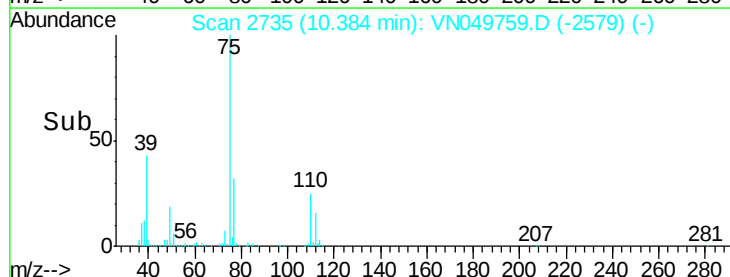
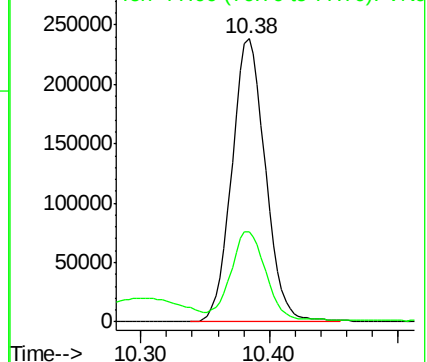
75 100

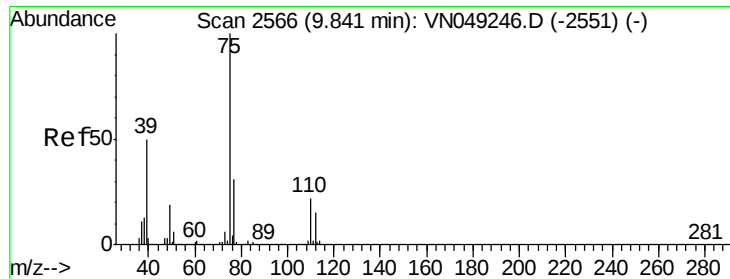
77 31.3 24.6 37.0



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0





#49

cis-1,3-Dichloropropene

Concen: 19.17 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN049759.D

Acq: 11 Jul 2018 15:00

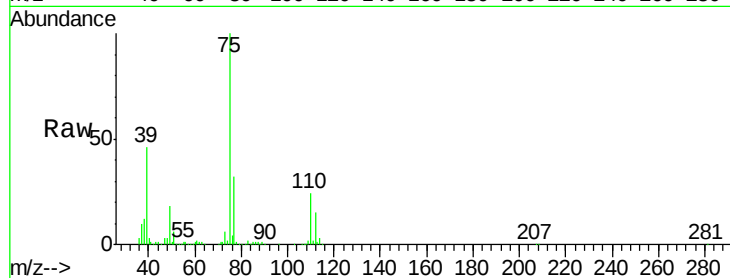
Tot Ion: 75 Resp: 496893

Ion Ratio Lower Upper

75 100

77 31.6 25.7 38.5

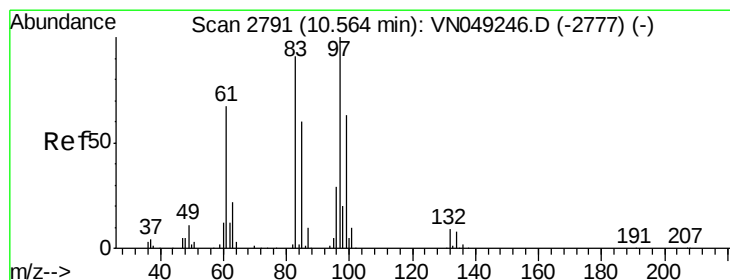
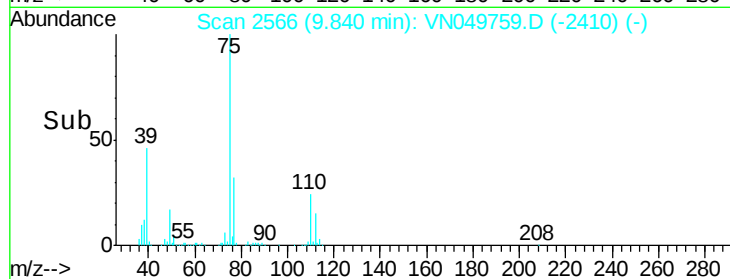
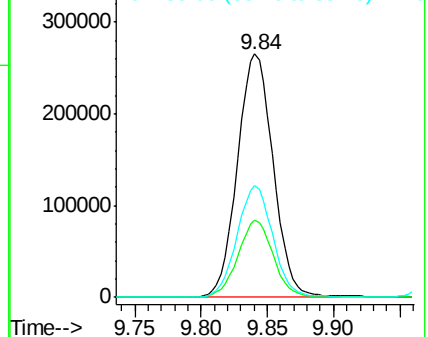
39 45.7 36.3 54.5



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#50

1,1,2-Trichloroethane

Concen: 19.57 ug/l

RT: 10.56 min Scan# 2791

Delta R.T. 0.00 min

Lab File: VN049759.D

Acq: 11 Jul 2018 15:00

Tgt Ion: 97 Resp: 295735

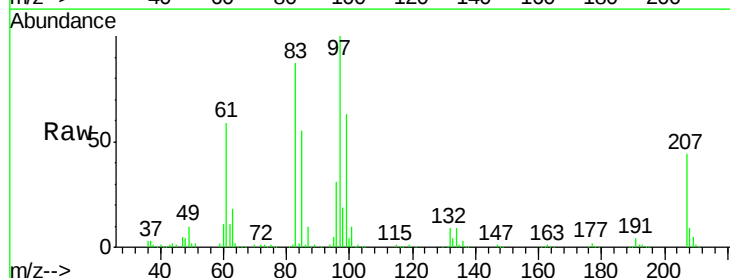
Ion Ratio Lower Upper

97 100

83 86.4 68.1 102.1

85 54.4 45.4 68.2

99 63.0 49.4 74.0

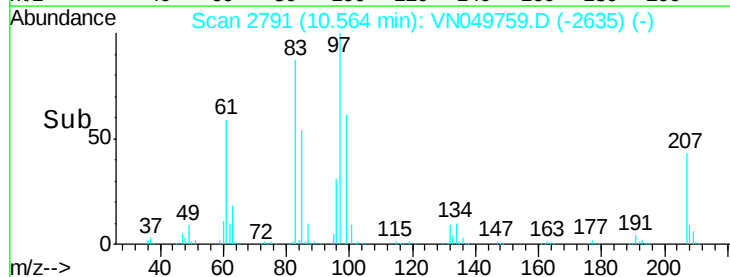
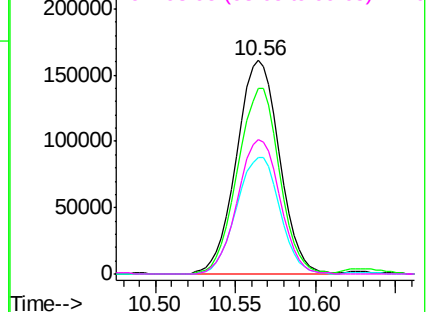


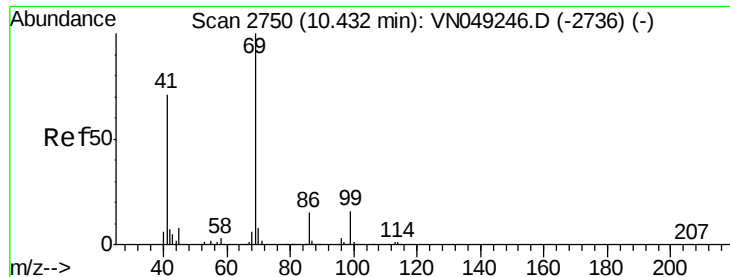
Abundance Ion 97.00 (96.70 to 97.70): VN0

Ion 82.95 (82.65 to 83.65): VN0

Ion 84.95 (84.65 to 85.65): VN0

Ion 98.95 (98.65 to 99.65): VN0





#51

Ethyl methacrylate

Concen: 18.75 ug/l

RT: 10.43 min Scan# 2750

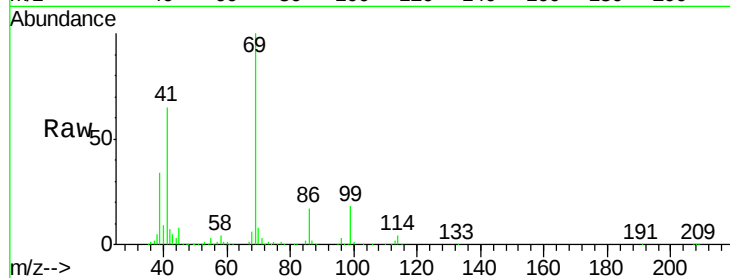
Delta R.T. 0.00 min

Lab File: VN049759.D

Acq: 11 Jul 2018 15:00

Tot Ion: 69 Resp: 345605

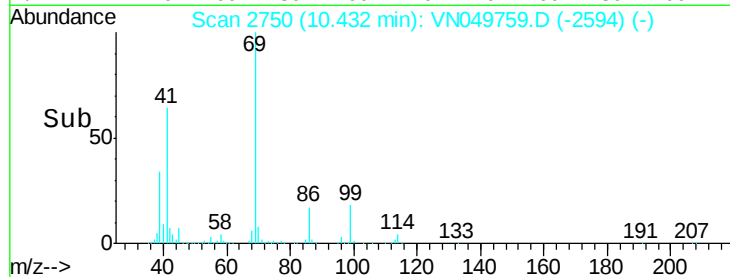
Ion	Ratio	Lower	Upper
69	100		
41	64.3	31.9	95.9
39	33.5	16.7	50.1



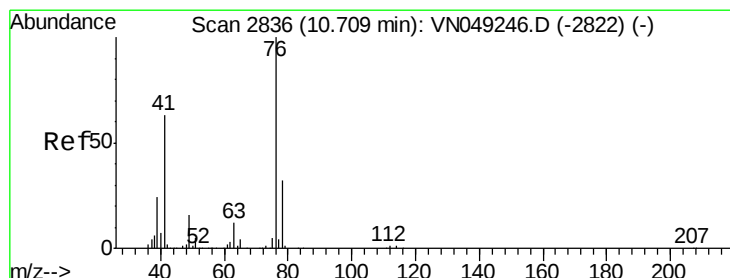
Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



Time-->



#52

1,3-Dichloropropane

Concen: 19.43 ug/l

RT: 10.71 min Scan# 2836

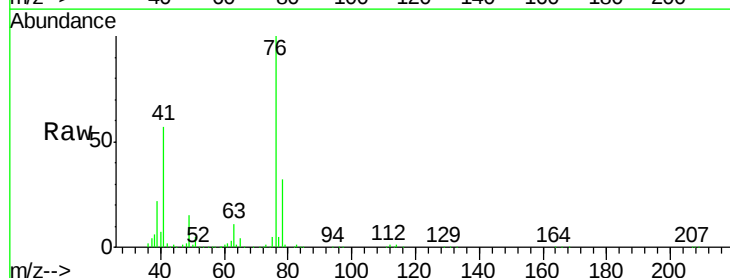
Delta R.T. 0.00 min

Lab File: VN049759.D

Acq: 11 Jul 2018 15:00

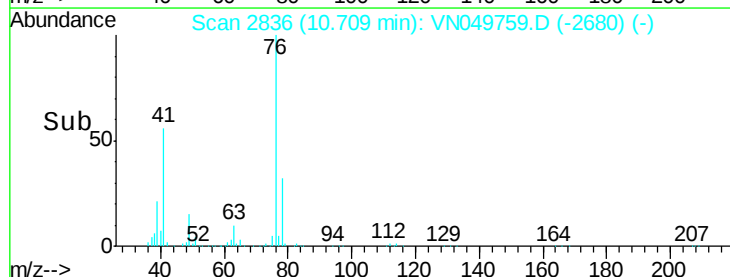
Tgt Ion: 76 Resp: 482134

Ion	Ratio	Lower	Upper
76	100		
78	31.7	0.0	65.6

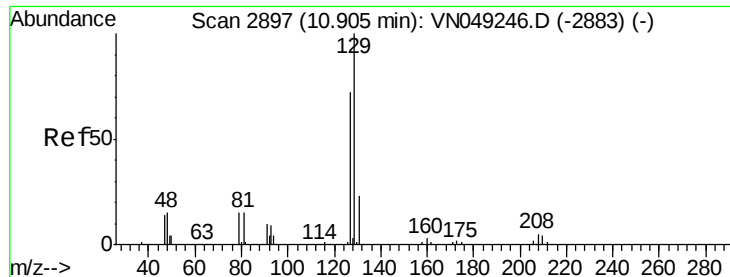


Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0



Time-->



#53

Dibromochloromethane

Concen: 18.94 ug/l

RT: 10.90 min Scan# 2896

Delta R.T. -0.00 min

Lab File: VN049759.D

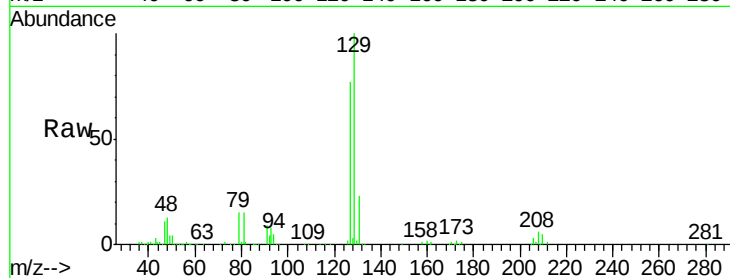
Acq: 11 Jul 2018 15:00

Tot Ion:129 Resp: 323617

Ion Ratio Lower Upper

129 100

127 77.3 38.1 114.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

10.90

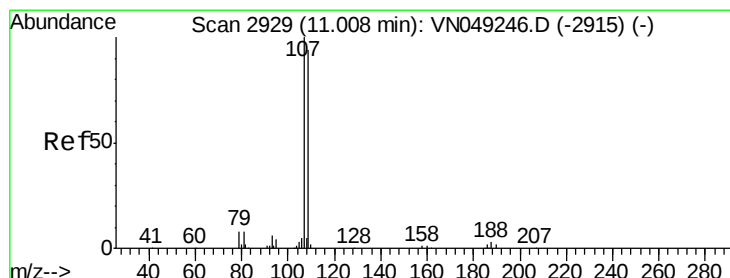
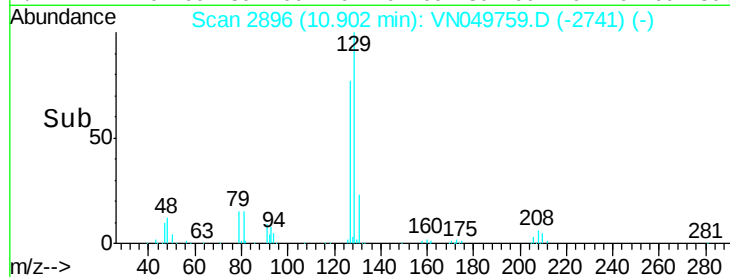
150000

100000

50000

0

Time-->



#54

1,2-Dibromoethane

Concen: 19.18 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VN049759.D

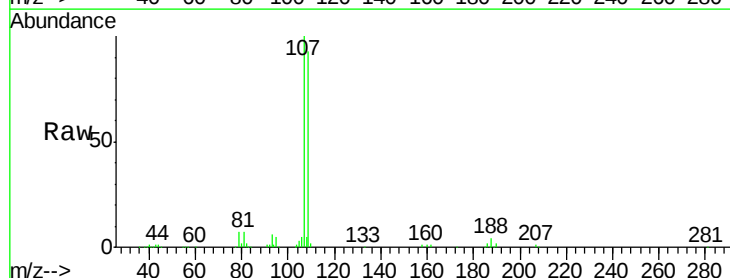
Acq: 11 Jul 2018 15:00

Tgt Ion:107 Resp: 281664

Ion Ratio Lower Upper

107 100

109 94.6 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

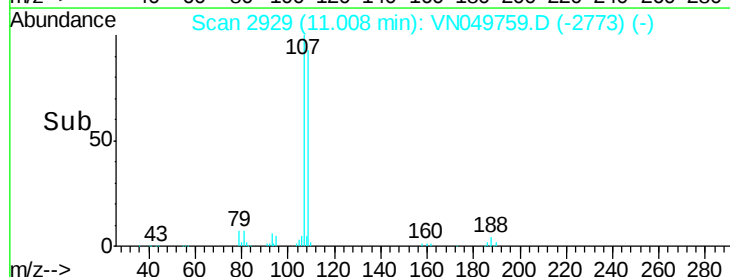
150000

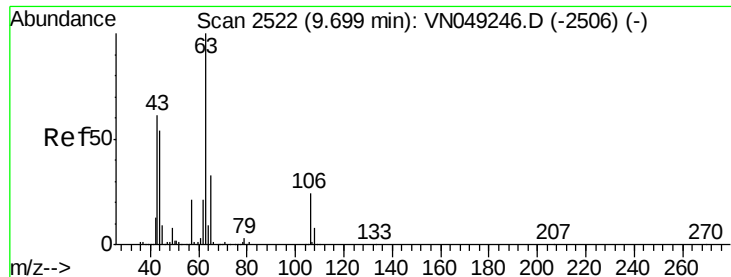
100000

50000

0

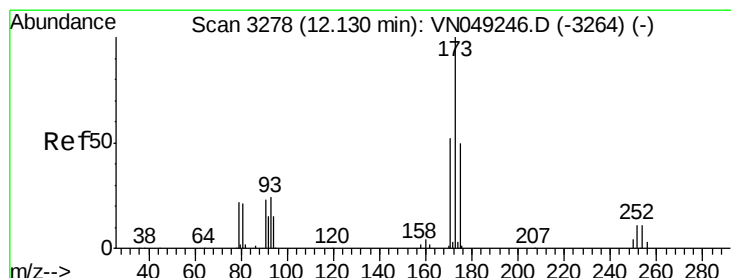
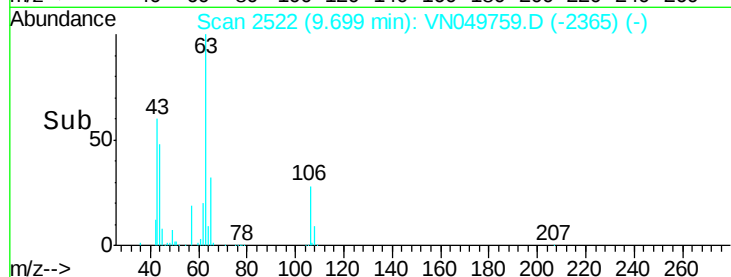
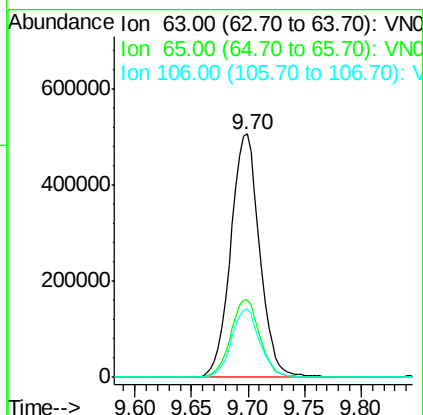
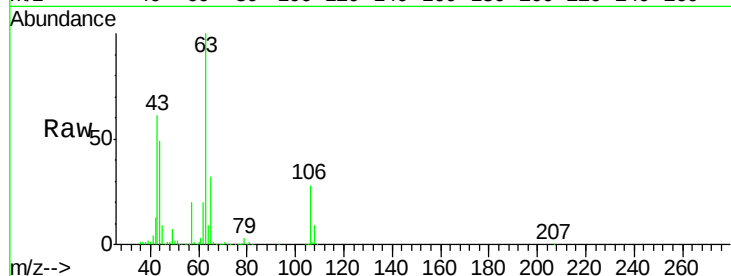
Time-->





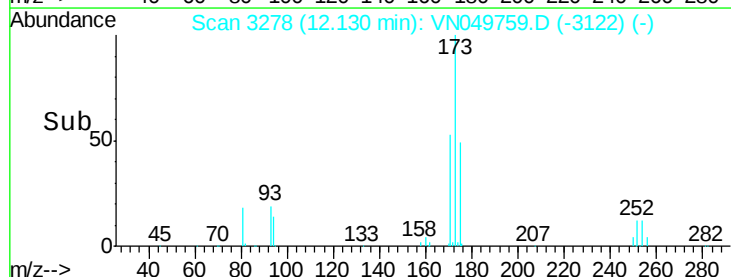
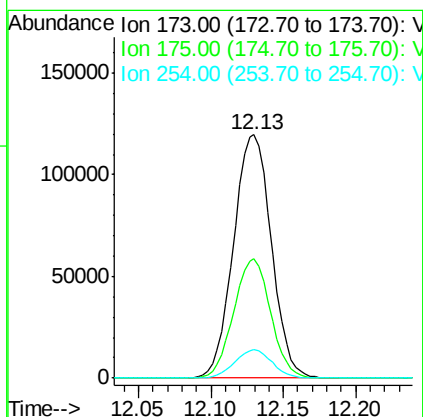
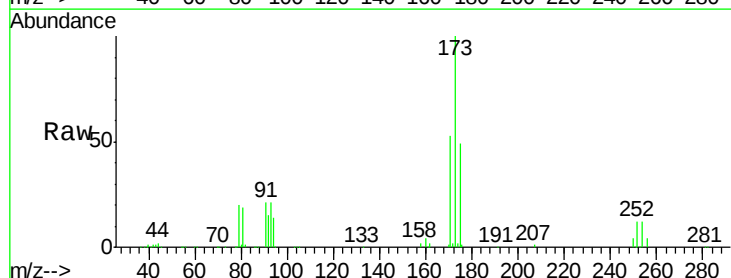
#55
2-Chloroethyl vinyl ether
Concen: 96.10 ug/l
RT: 9.70 min Scan# 2522
Delta R.T. 0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

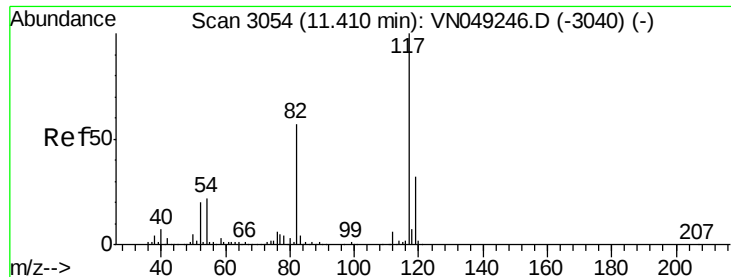
Tot Ion: 63 Resp: 902236
Ion Ratio Lower Upper
63 100
65 32.3 25.5 38.3
106 27.5 21.8 32.6



#56
Bromoform
Concen: 18.56 ug/l
RT: 12.13 min Scan# 3278
Delta R.T. 0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

Tgt Ion: 173 Resp: 217176
Ion Ratio Lower Upper
173 100
175 47.8 38.6 57.8
254 11.4 8.8 13.2

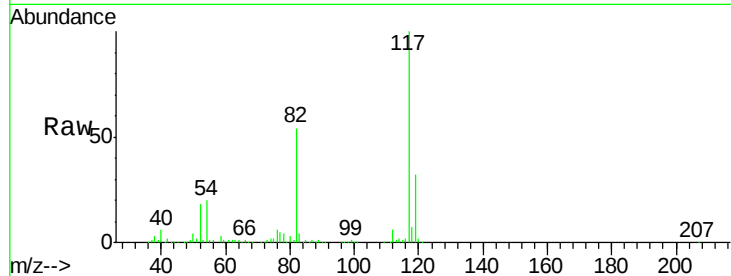




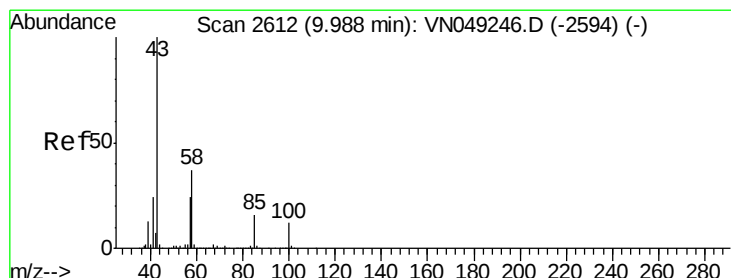
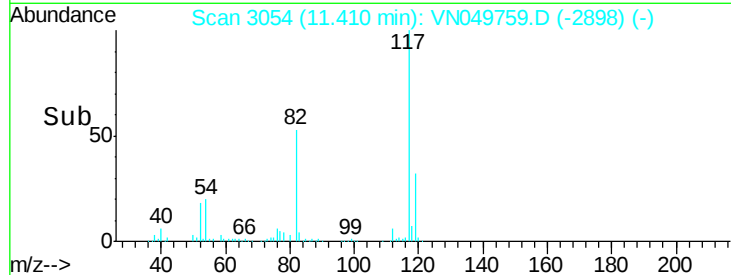
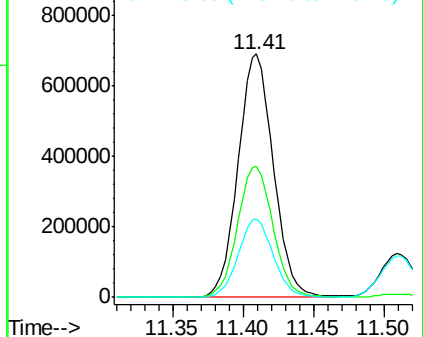
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

Tot Ion:117 Resp: 1215184

Ion	Ratio	Lower	Upper
117	100		
82	54.0	42.4	63.6
119	32.0	25.4	38.0



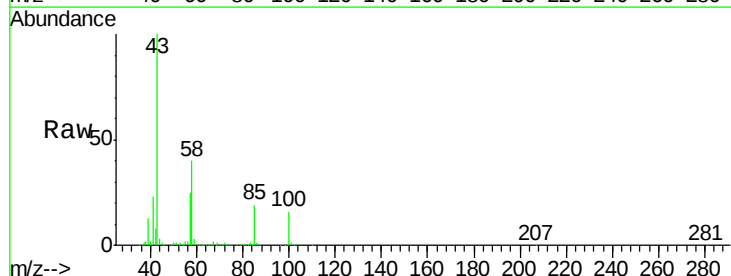
Abundance Ion 117.00 (116.70 to 117.70): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 119.00 (118.70 to 119.70): V



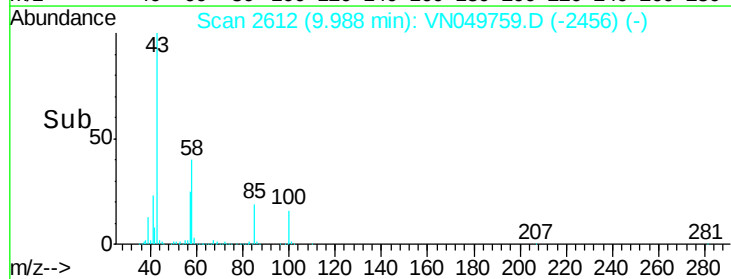
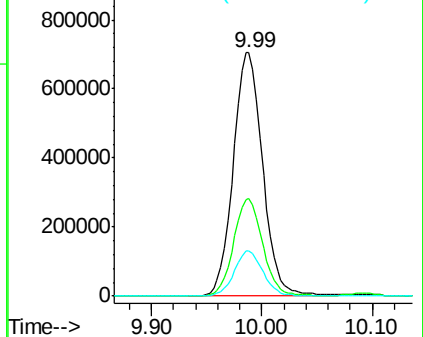
#58
4-Methyl-2-Pentanone
Concen: 98.36 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

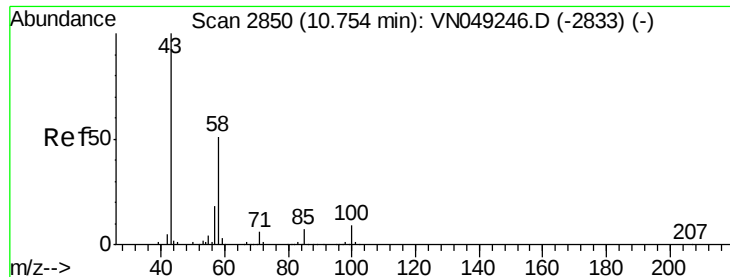
Tgt Ion: 43 Resp: 1299378

Ion	Ratio	Lower	Upper
43	100		
58	39.9	31.2	46.8
85	18.2	14.4	21.6



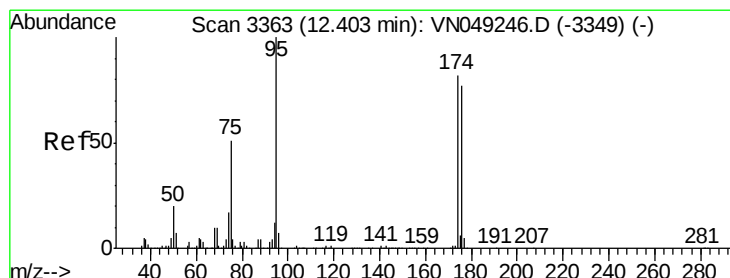
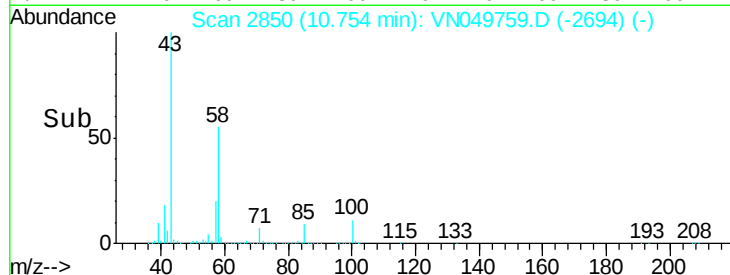
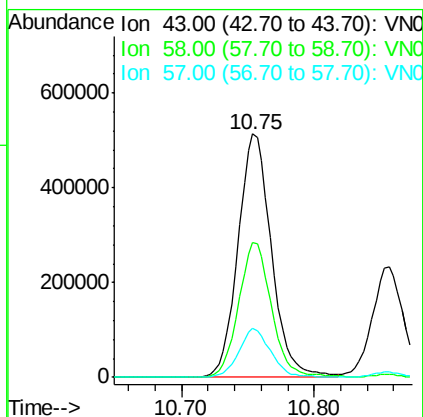
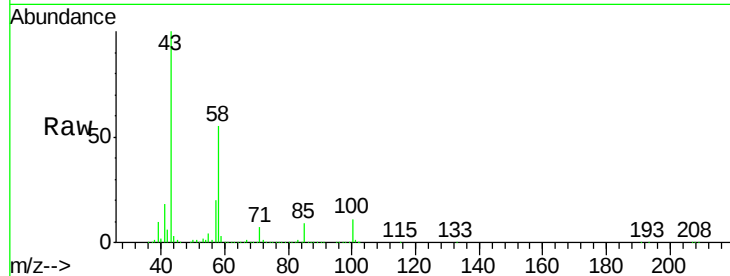
Abundance Ion 43.00 (42.70 to 43.70): V
 Ion 58.00 (57.70 to 58.70): V
 Ion 85.00 (84.70 to 85.70): V





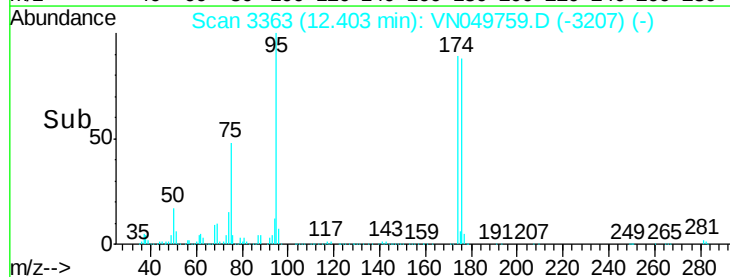
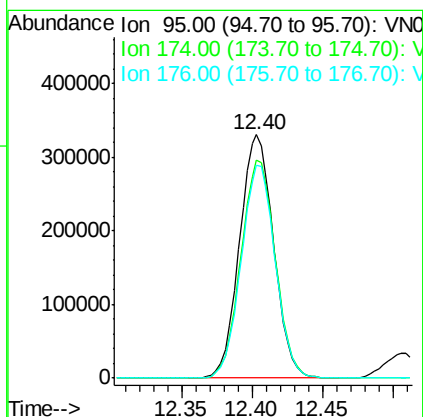
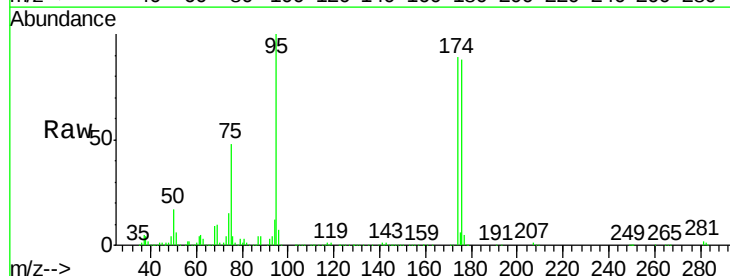
#59
2-Hexanone
Concen: 100.88 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

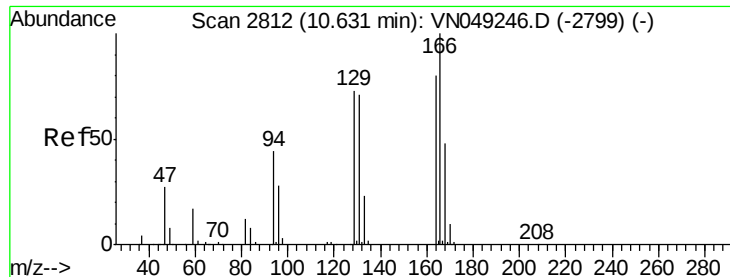
Tot Ion	Ratio	Lower	Upper
43	100		
58	54.4	43.8	65.8
57	19.2	15.1	22.7



#60
4-Bromofluorobenzene
Concen: 29.78 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.5	72.3	108.5
176	87.7	70.0	105.0





#61

Tetrachloroethene

Concen: 19.81 ug/l

RT: 10.63 min Scan# 2812

Delta R.T. -0.00 min

Lab File: VN049759.D

Acq: 11 Jul 2018 15:00

Tot Ion:164 Resp: 302130

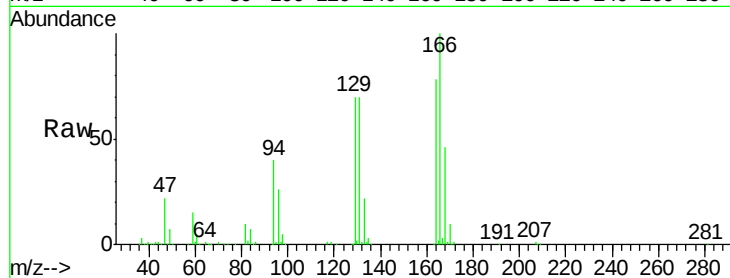
Ion Ratio Lower Upper

164 100

166 128.7 100.0 150.0

129 90.2 69.3 103.9

131 90.1 68.8 103.2

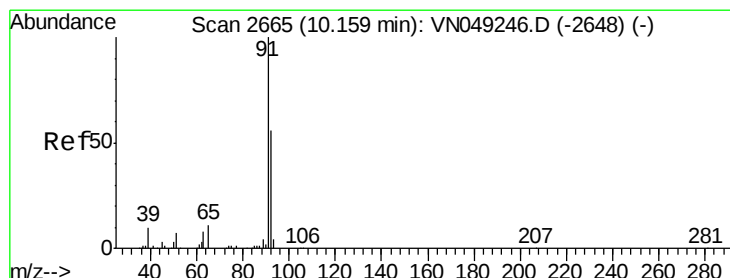
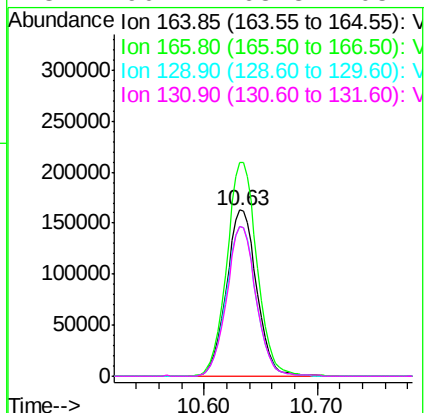
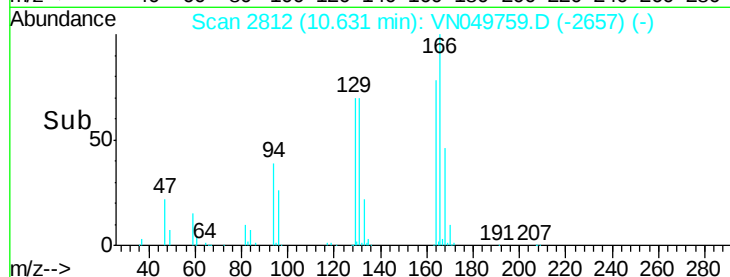


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.82 ug/l

RT: 10.16 min Scan# 2665

Delta R.T. 0.00 min

Lab File: VN049759.D

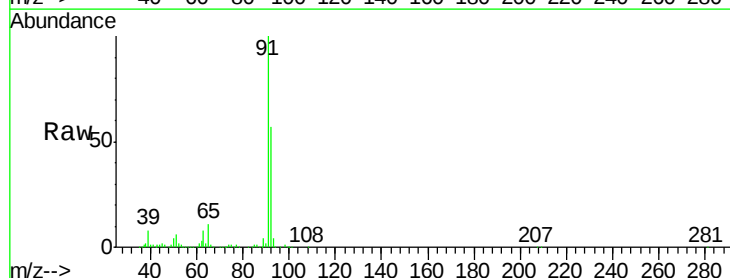
Acq: 11 Jul 2018 15:00

Tgt Ion: 91 Resp: 1380699

Ion Ratio Lower Upper

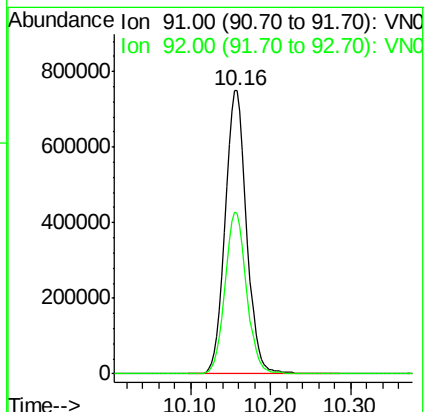
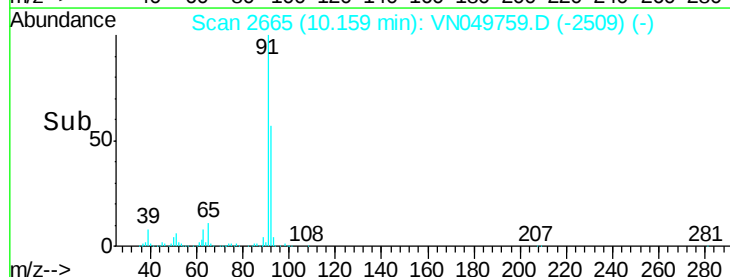
91 100

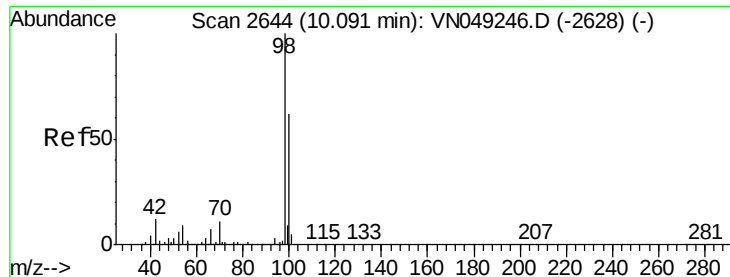
92 57.3 45.7 68.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

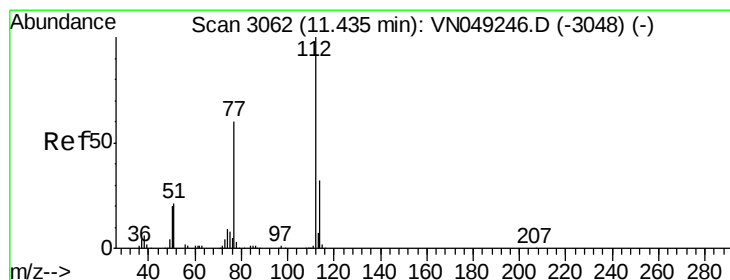
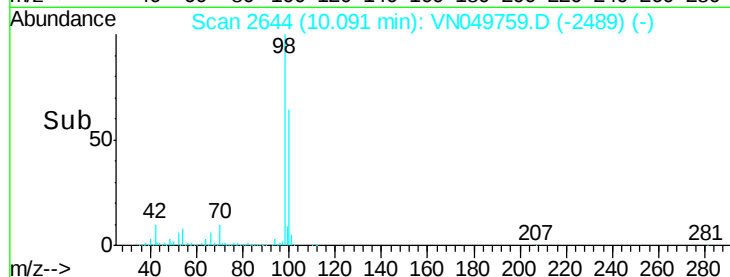
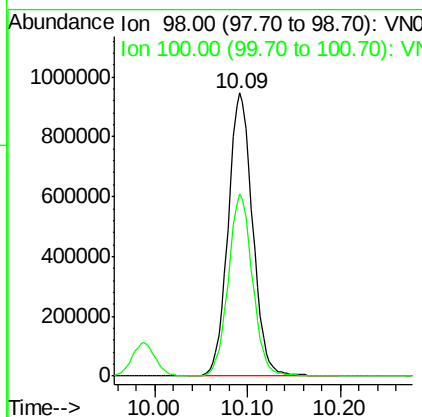
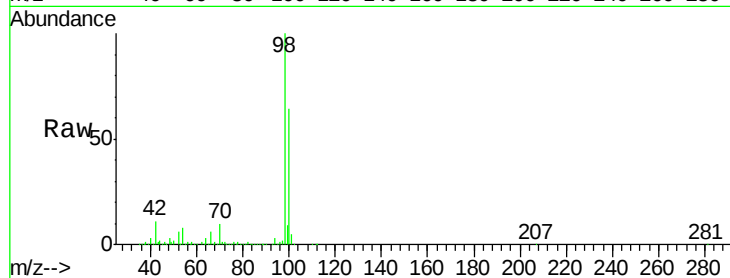
Ion 92.00 (91.70 to 92.70): VN0





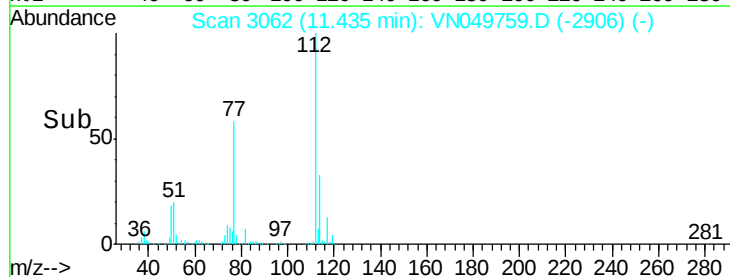
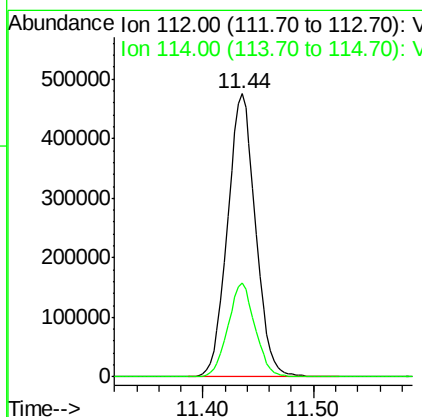
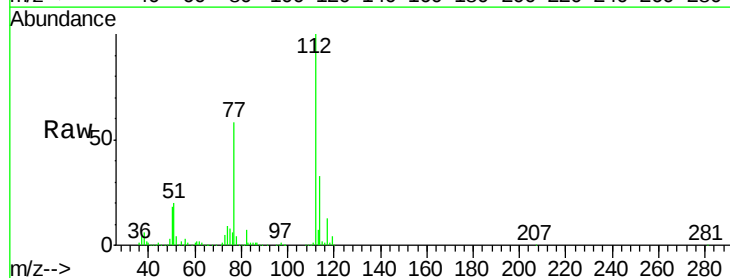
#63
Toluene-d8
Concen: 30.50 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

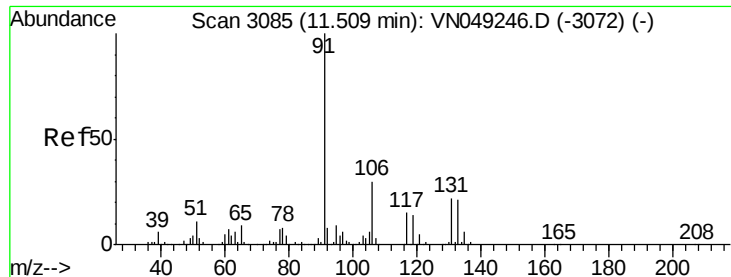
Tot Ion: 98 Resp: 1732077
Ion Ratio Lower Upper
98 100
100 63.8 51.2 76.8



#64
Chlorobenzene
Concen: 19.50 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

Tgt Ion: 112 Resp: 833426
Ion Ratio Lower Upper
112 100
114 33.0 26.2 39.2





#65

1,1,1,2-Tetrachloroethane

Concen: 19.69 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. 0.00 min

Lab File: VN049759.D

Acq: 11 Jul 2018 15:00

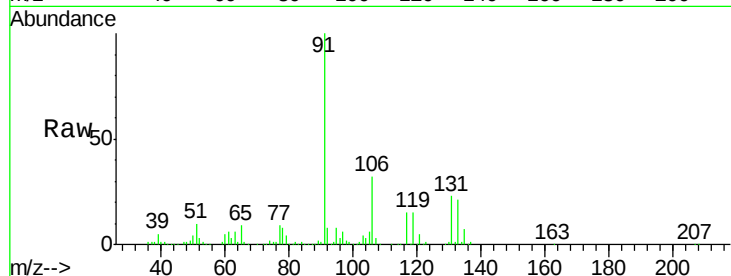
Tot Ion: 131 Resp: 319385

Ion Ratio Lower Upper

131 100

133 96.1 0.0 190.0

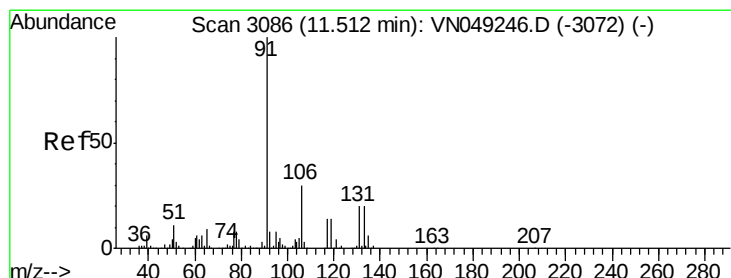
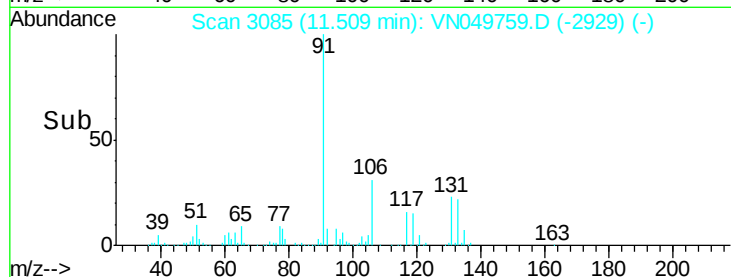
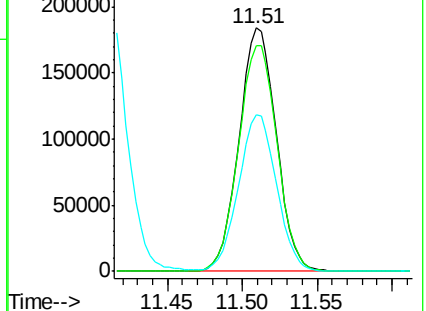
119 65.3 0.0 131.6



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.30 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049759.D

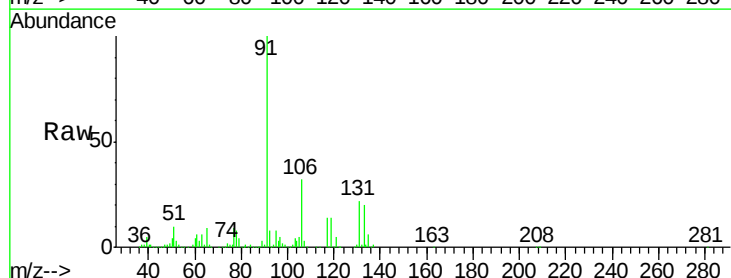
Acq: 11 Jul 2018 15:00

Tgt Ion: 91 Resp: 1409768

Ion Ratio Lower Upper

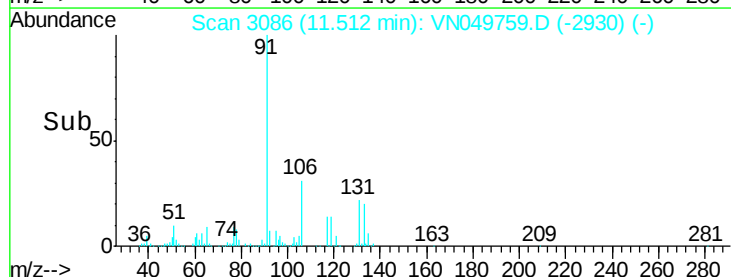
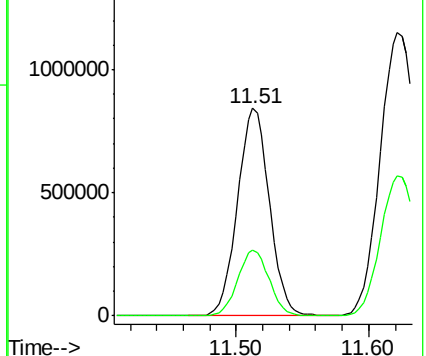
91 100

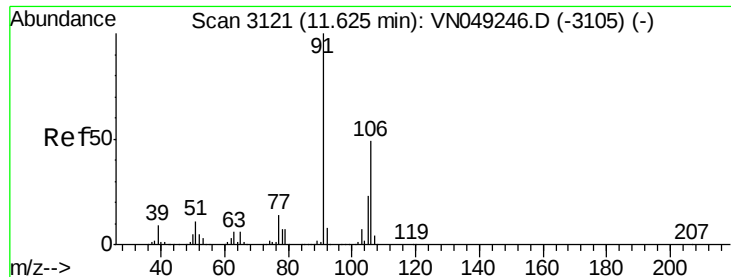
106 31.8 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

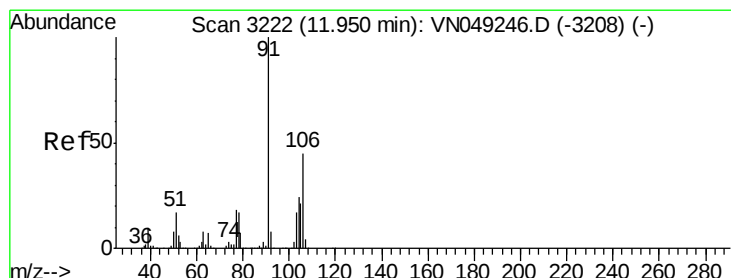
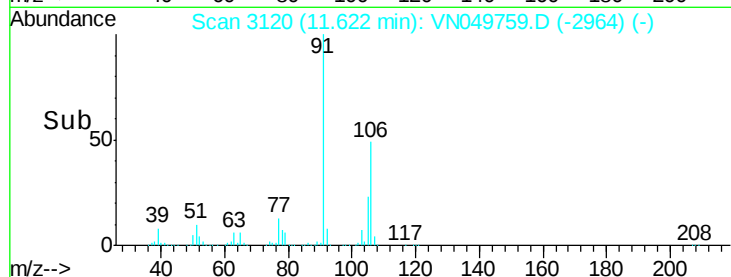
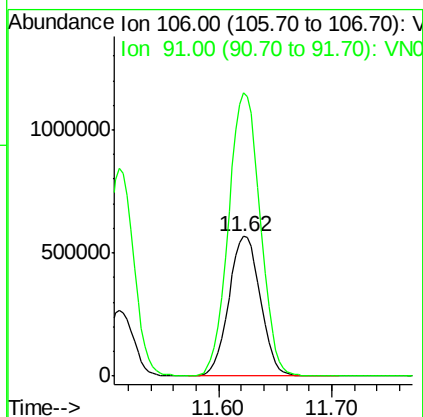
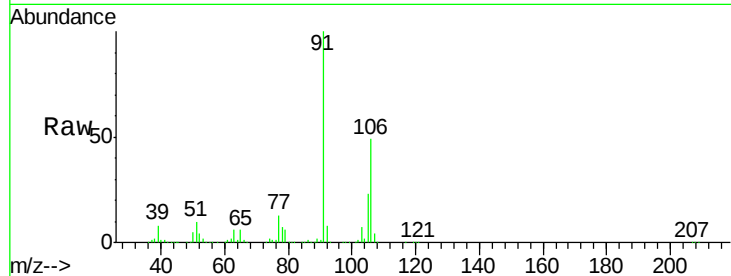
Ion 106.00 (105.70 to 106.70): V





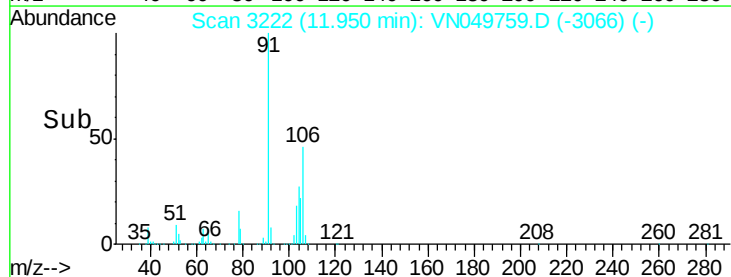
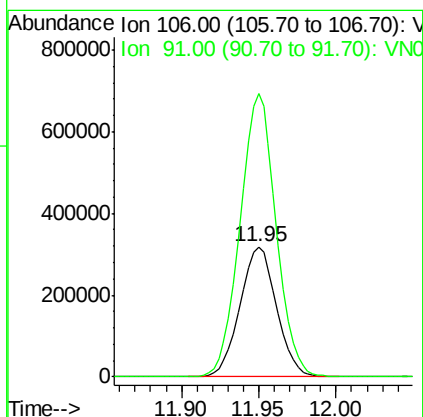
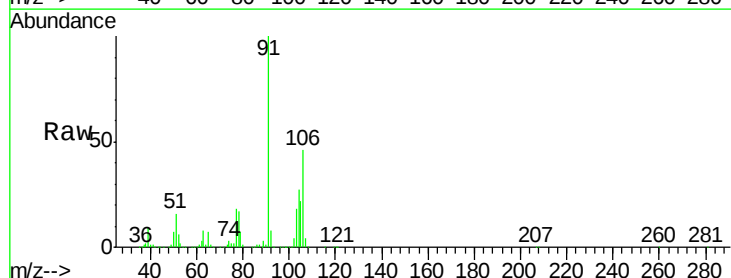
#67
m/p-Xvlenes
Concen: 39.33 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. 0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

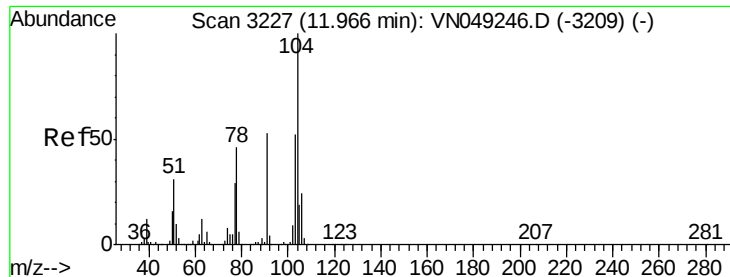
Tot Ion:106 Resp: 1105488
Ion Ratio Lower Upper
106 100
91 202.8 162.5 243.7



#68
o-Xylene
Concen: 19.44 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

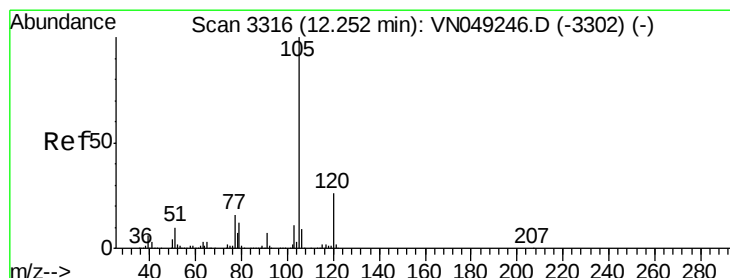
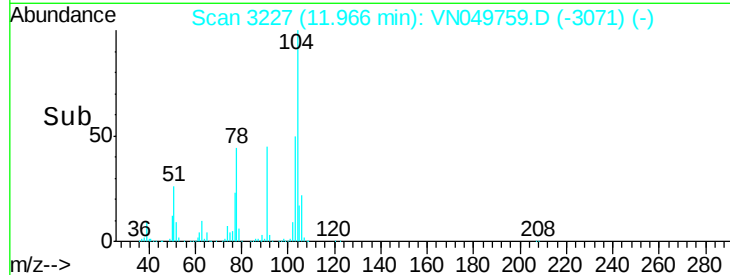
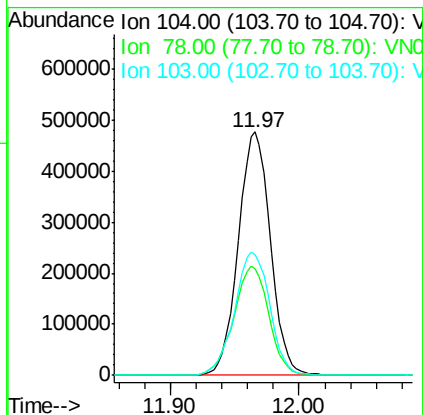
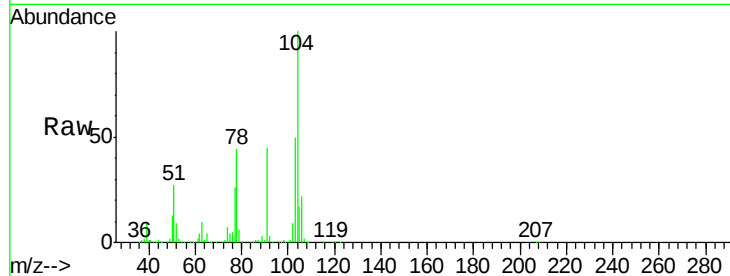
Tgt Ion:106 Resp: 521941
Ion Ratio Lower Upper
106 100
91 215.3 106.8 320.4





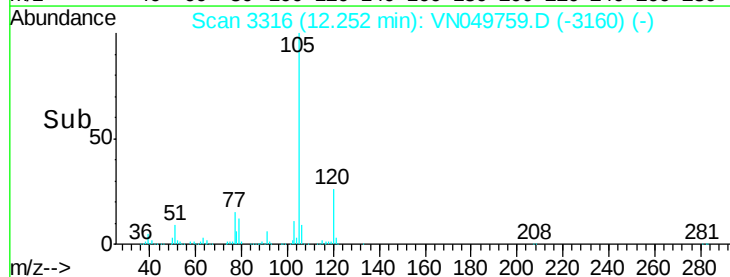
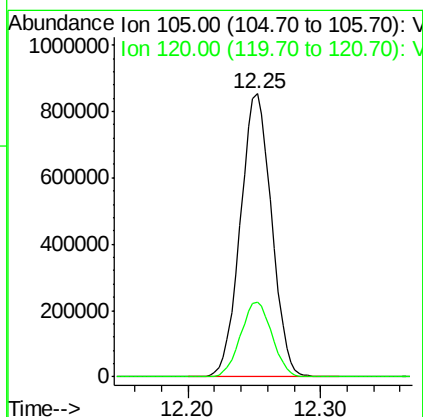
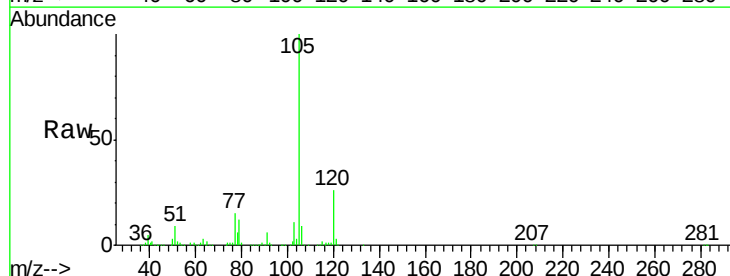
#69
Stvrene
Concen: 19.26 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

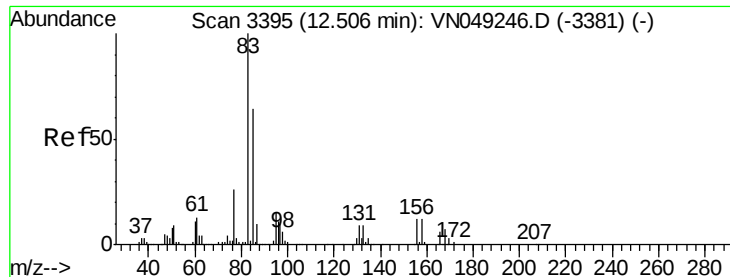
Tot Ion:104 Resp: 825694
Ion Ratio Lower Upper
104 100
78 49.1 39.3 58.9
103 55.6 44.5 66.7



#70
Isopropylbenzene
Concen: 19.58 ug/l
RT: 12.25 min Scan# 3316
Delta R.T. 0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

Tgt Ion:105 Resp: 1394621
Ion Ratio Lower Upper
105 100
120 26.7 18.9 35.1





#71

1,1,2,2-Tetrachloroethane

Concen: 19.83 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049759.D

Acq: 11 Jul 2018 15:00

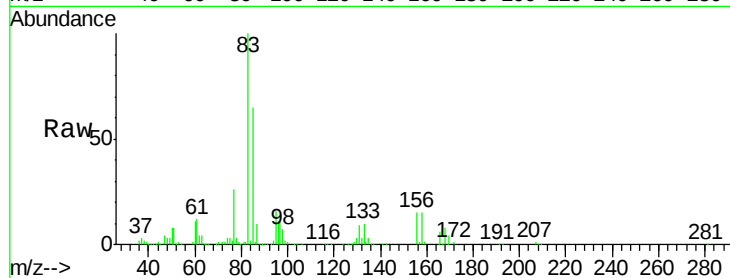
Tot Ion: 83 Resp: 362464

Ion Ratio Lower Upper

83 100

131 10.2 5.2 15.6

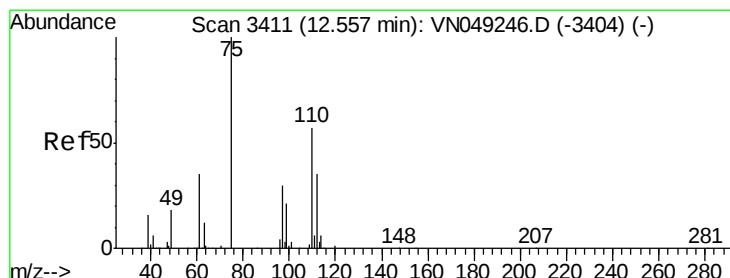
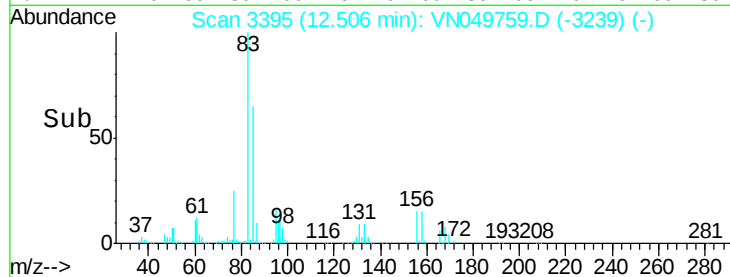
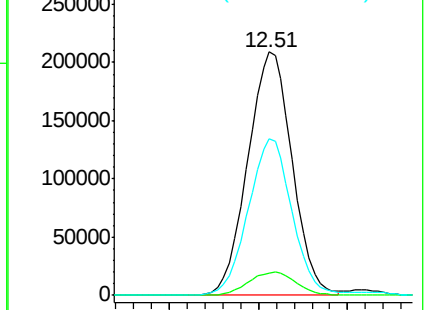
85 63.2 31.7 95.1



Abundance Ion 83.00 (82.70 to 83.70): VN049759.D (-3239) (-)

Ion 131.00 (130.70 to 131.70): VN049759.D (-3239) (-)

Ion 85.00 (84.70 to 85.70): VN049759.D (-3239) (-)



#72

1,2,3-Trichloropropane

Concen: 19.79 ug/l m

RT: 12.56 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN049759.D

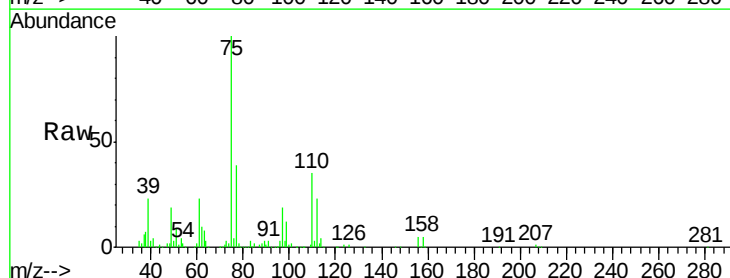
Acq: 11 Jul 2018 15:00

Tgt Ion: 75 Resp: 289608

Ion Ratio Lower Upper

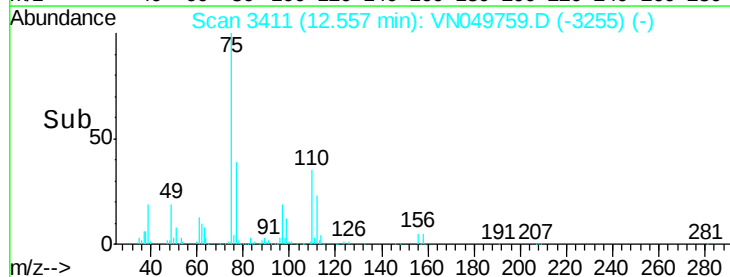
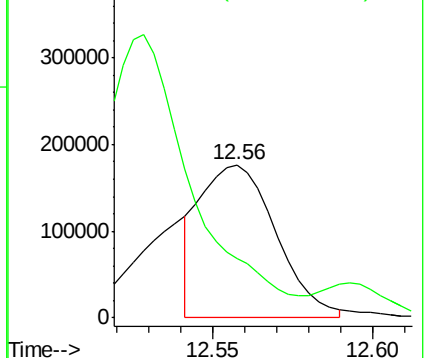
75 100

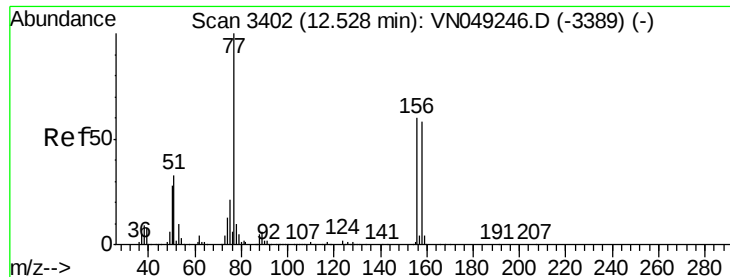
77 225.2 0.0 454.4



Abundance Ion 75.00 (74.70 to 75.70): VN049759.D (-3255) (-)

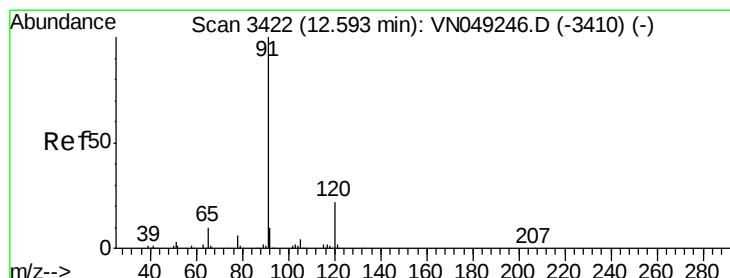
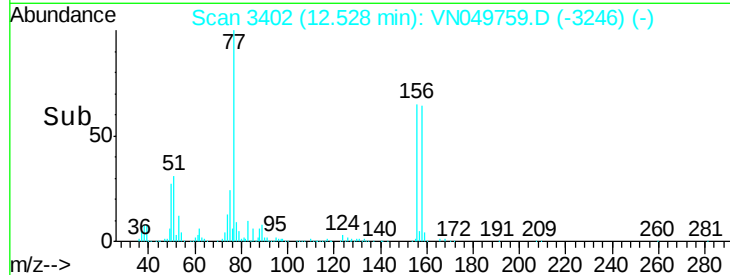
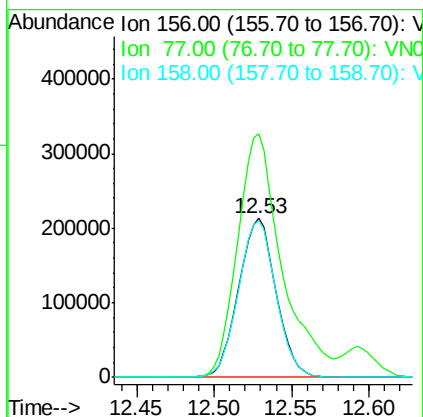
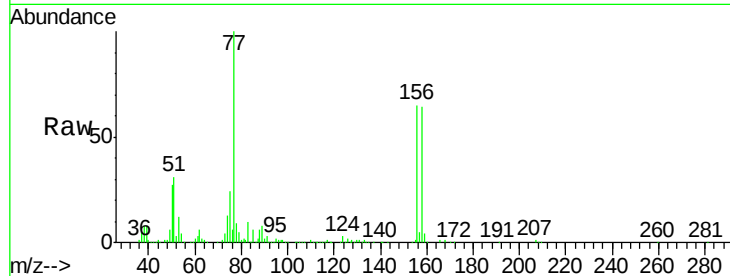
Ion 77.00 (76.70 to 77.70): VN049759.D (-3255) (-)





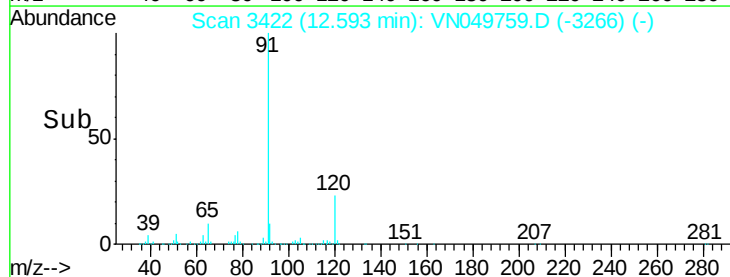
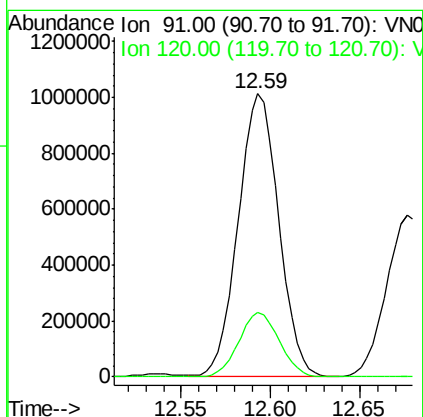
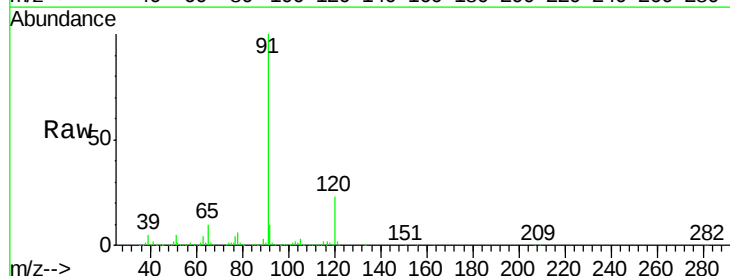
#73
Bromobenzene
Concen: 19.20 ug/l
RT: 12.53 min Scan# 3402
Delta R.T. 0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

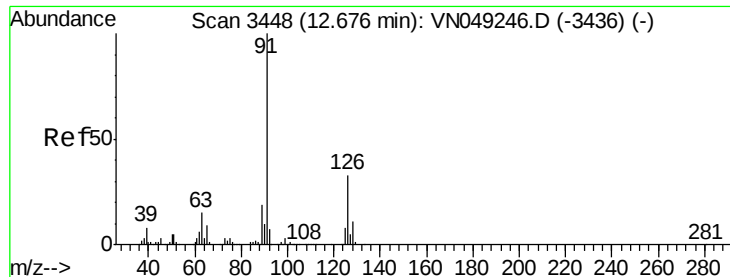
Tot Ion:156 Resp: 358549
Ion Ratio Lower Upper
156 100
77 181.9 0.0 359.8
158 99.1 0.0 192.8



#74
n-propylbenzene
Concen: 19.44 ug/l
RT: 12.59 min Scan# 3422
Delta R.T. 0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

Tgt Ion: 91 Resp: 1603047
Ion Ratio Lower Upper
91 100
120 22.8 0.0 46.4





#75

2-Chlorotoluene

Concen: 19.49 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049759.D

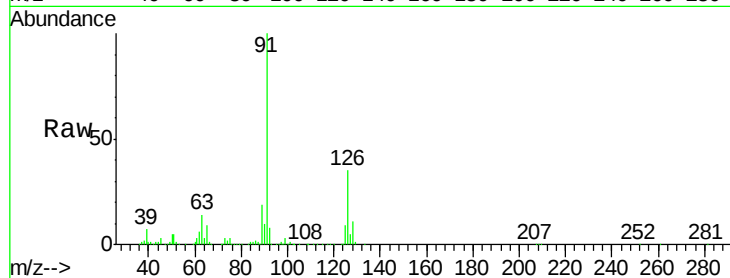
Acq: 11 Jul 2018 15:00

Tot Ion: 91 Resp: 963839

Ion Ratio Lower Upper

91 100

126 35.0 0.0 68.6



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

Ion 126.00 (125.70 to 126.70): VN049246.D (-3436) (-)

1000000

800000

600000

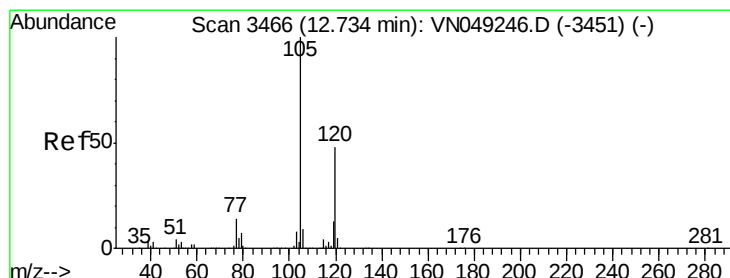
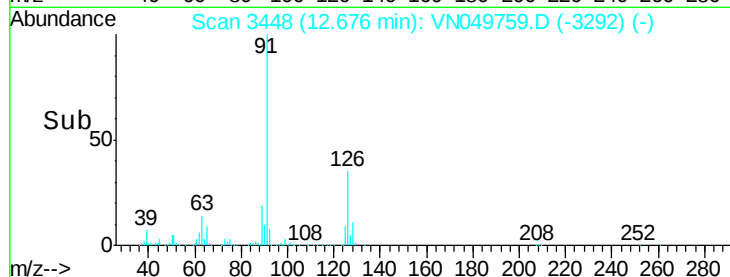
400000

200000

0

12.65 12.68 12.70

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 19.63 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049759.D

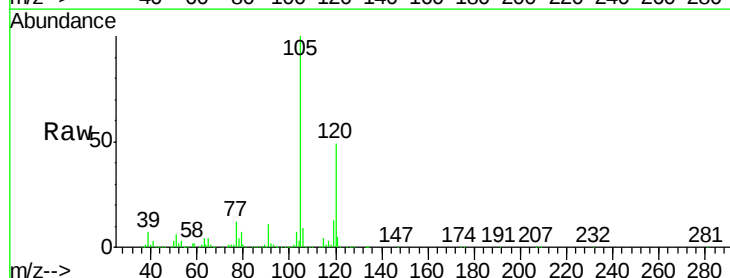
Acq: 11 Jul 2018 15:00

Tgt Ion: 105 Resp: 1135949

Ion Ratio Lower Upper

105 100

120 49.3 0.0 98.0



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

Ion 120.00 (119.70 to 120.70): VN049246.D (-3451) (-)

800000

600000

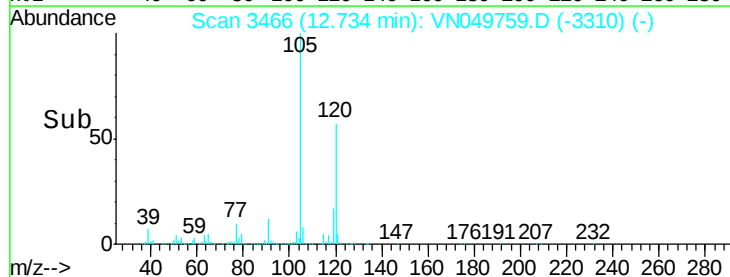
400000

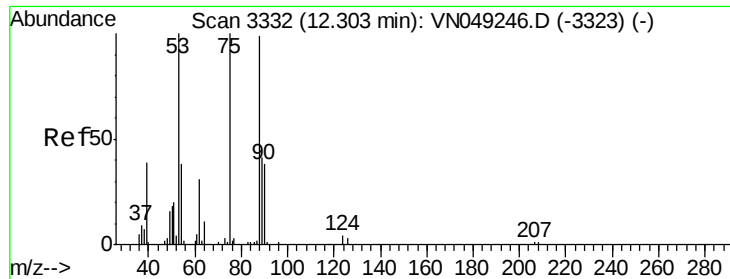
200000

0

12.65 12.70 12.75 12.80

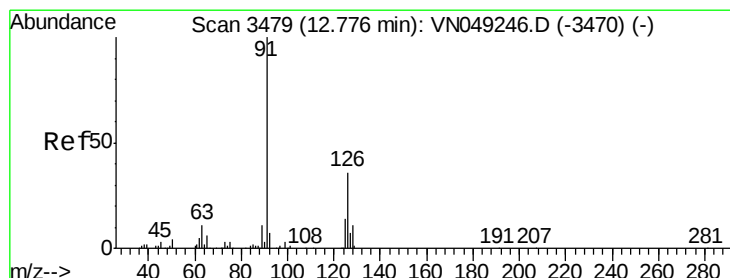
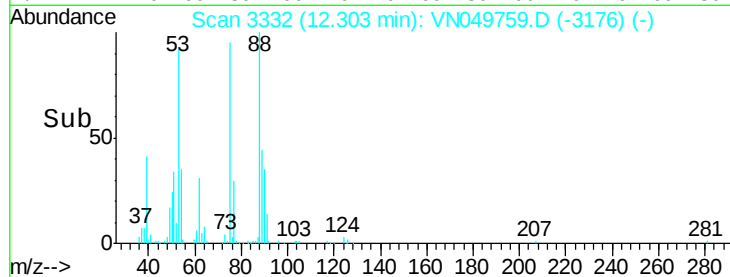
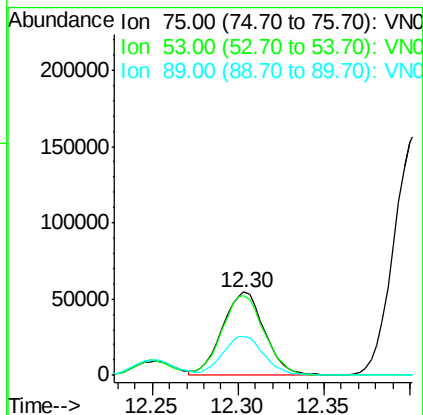
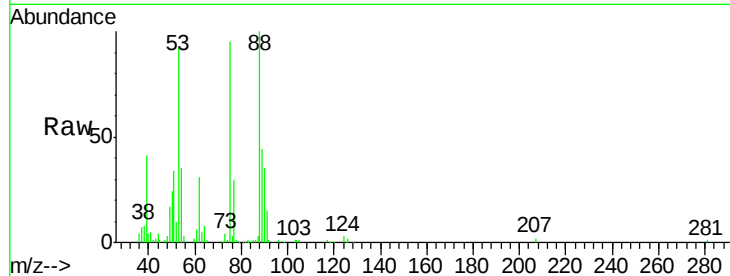
Time-->





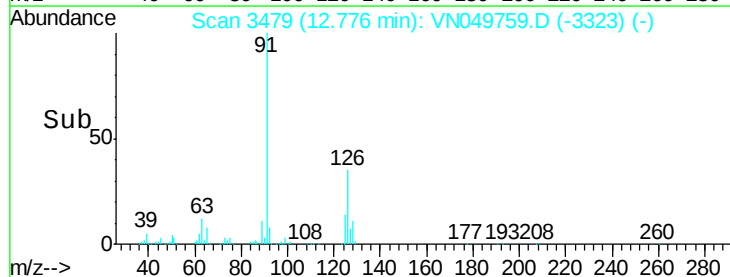
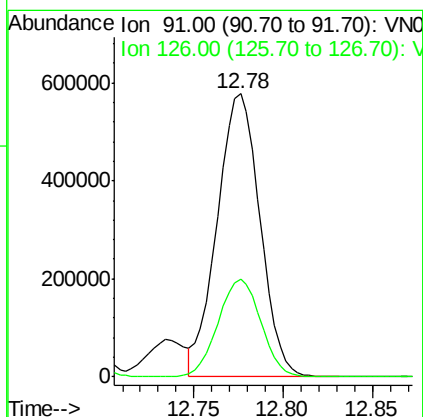
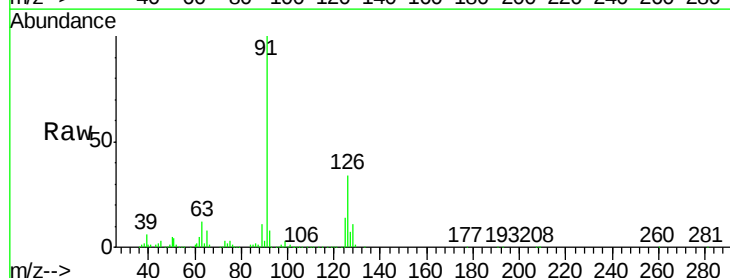
#77
t-1,4-Dichloro-2-butene
Concen: 18.25 ug/l
RT: 12.30 min Scan# 3332
Delta R.T. 0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

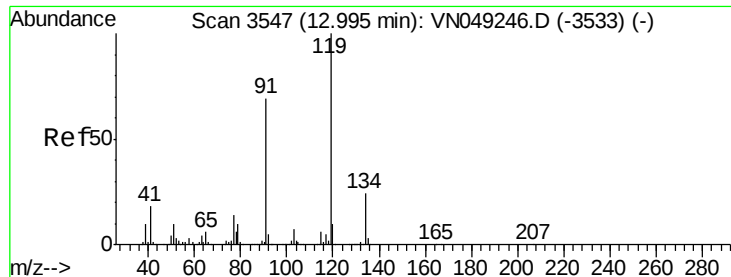
Tot Ion: 75 Resp: 93605
Ion Ratio Lower Upper
75 100
53 96.7 44.6 134.0
89 46.7 20.7 62.1



#78
4-Chlorotoluene
Concen: 19.47 ug/l
RT: 12.78 min Scan# 3479
Delta R.T. 0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

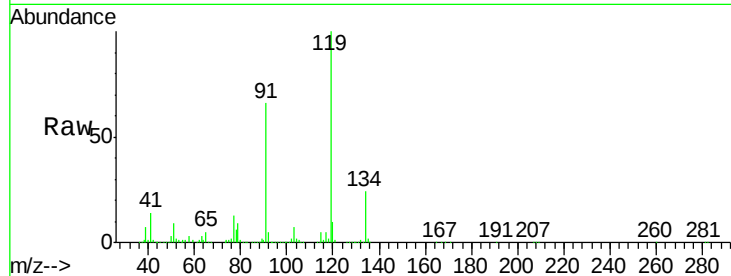
Tgt Ion: 91 Resp: 960049
Ion Ratio Lower Upper
91 100
126 34.6 0.0 68.4



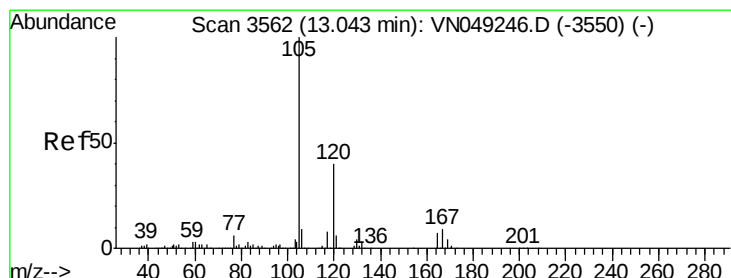
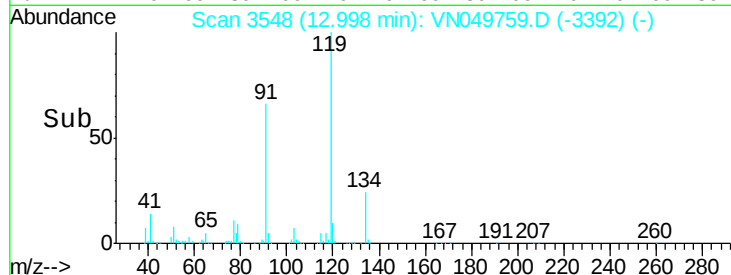
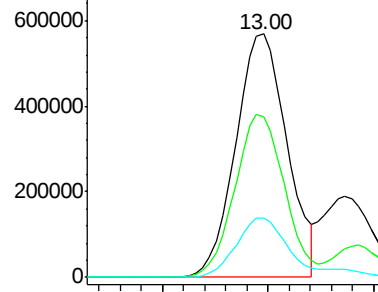


#79
tert-butylbenzene
Concen: 19.18 ug/l
RT: 13.00 min Scan# 3548
Delta R.T. 0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

Tot Ion:119 Resp: 963336
Ion Ratio Lower Upper
119 100
91 64.6 0.0 126.8
134 24.1 0.0 47.4

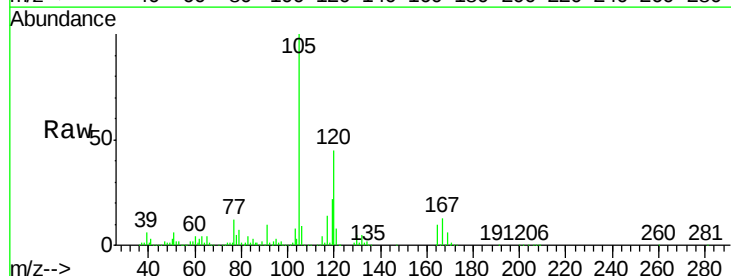


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

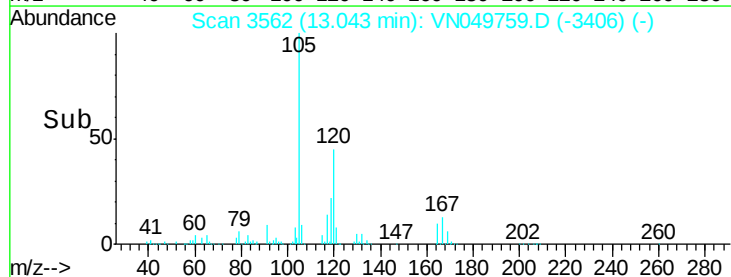
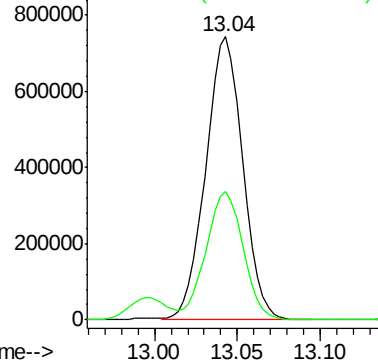


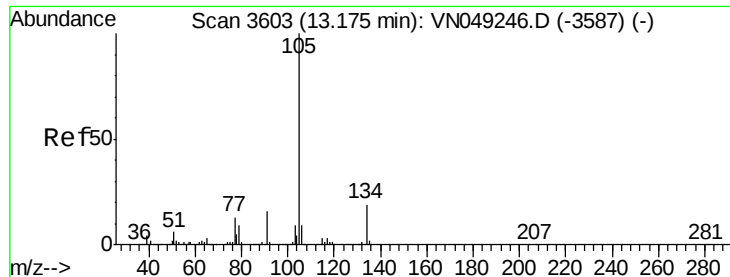
#80
1,2,4-Trimethylbenzene
Concen: 19.72 ug/l
RT: 13.04 min Scan# 3562
Delta R.T. 0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

Tgt Ion:105 Resp: 1152071
Ion Ratio Lower Upper
105 100
120 45.7 0.0 90.6



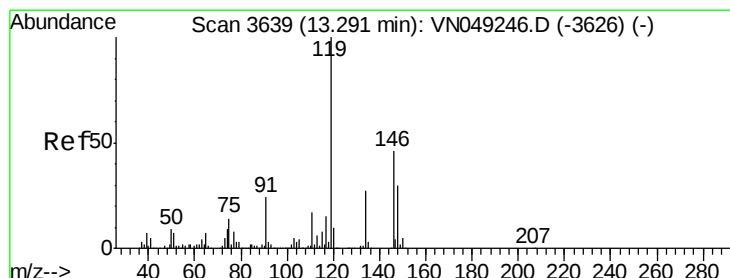
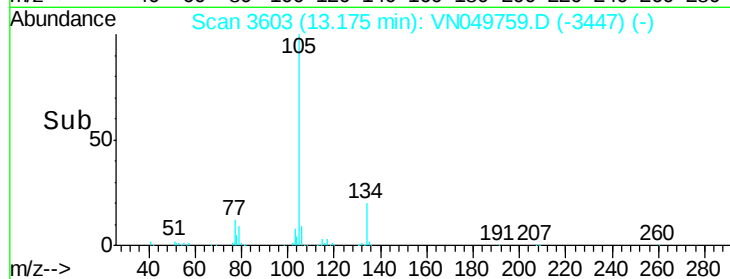
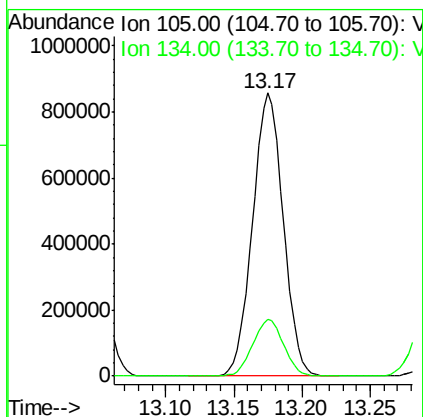
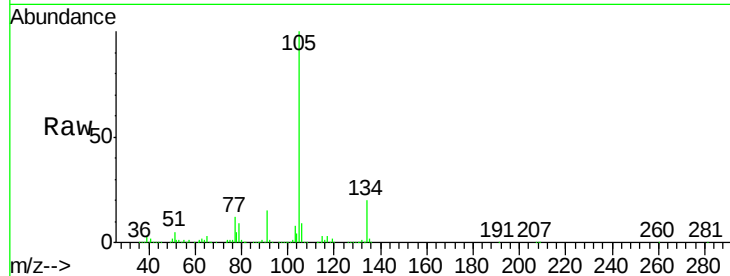
Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





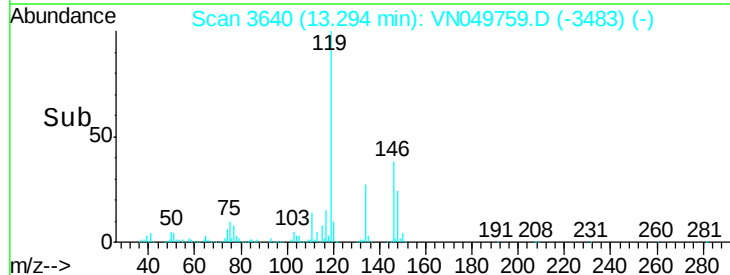
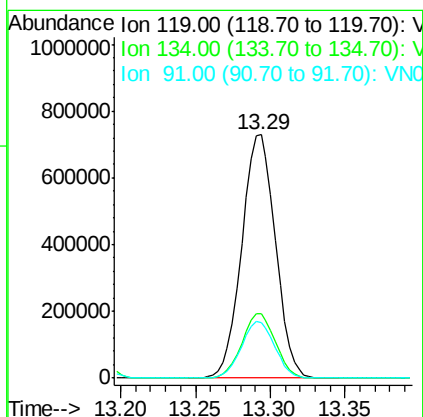
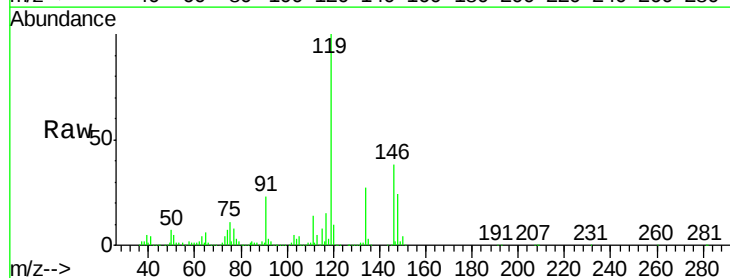
#81
 sec-Butylbenzene
 Concen: 19.76 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN049759.D
 Acq: 11 Jul 2018 15:00

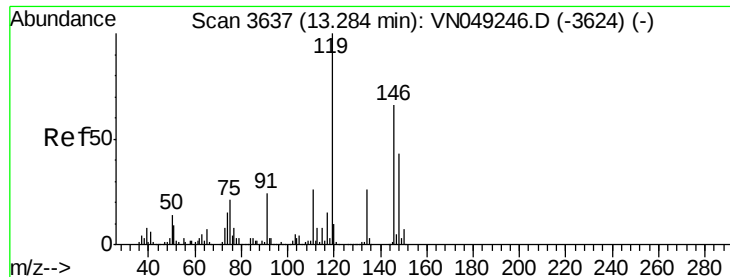
Tot Ion:105 Resp: 1333358
 Ion Ratio Lower Upper
 105 100
 134 20.3 0.0 40.6



#82
 p-Isopropyltoluene
 Concen: 19.60 ug/l
 RT: 13.29 min Scan# 3640
 Delta R.T. 0.00 min
 Lab File: VN049759.D
 Acq: 11 Jul 2018 15:00

Tgt Ion:119 Resp: 1143698
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 52.2
 91 23.0 0.0 45.6





#83

1,3-Dichlorobenzene

Concen: 19.33 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. -0.00 min

Lab File: VN049759.D

Acq: 11 Jul 2018 15:00

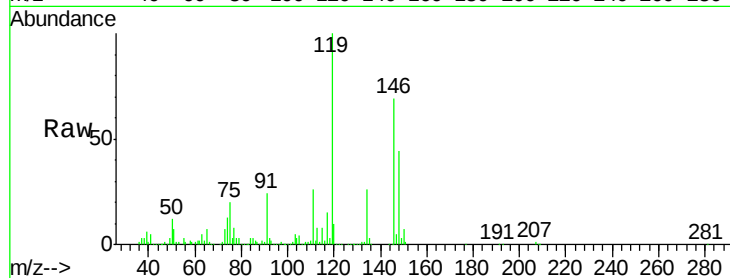
Tot Ion:146 Resp: 626260

Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.1	57.1
148	63.2	31.9	95.9

146 100

111 37.7 19.1 57.1

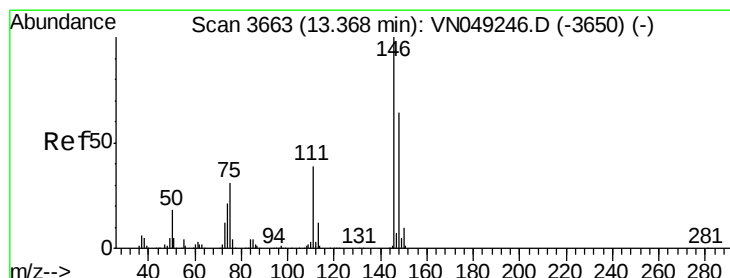
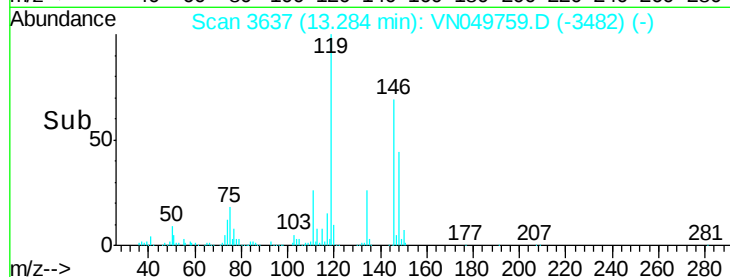
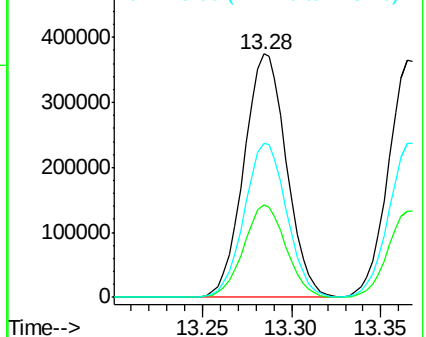
148 63.2 31.9 95.9



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 19.41 ug/l

RT: 13.36 min Scan# 3662

Delta R.T. -0.00 min

Lab File: VN049759.D

Acq: 11 Jul 2018 15:00

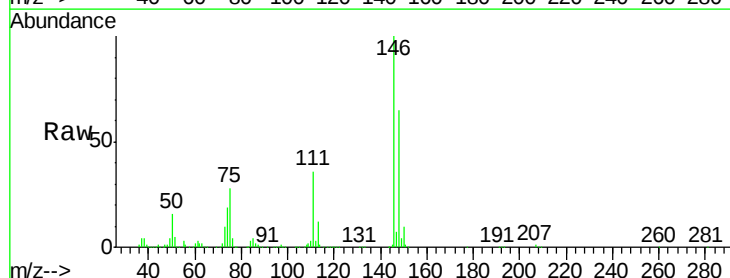
Tgt Ion:146 Resp: 602511

Ion	Ratio	Lower	Upper
146	100		
111	36.3	17.9	53.8
148	64.3	32.4	97.0

146 100

111 36.3 17.9 53.8

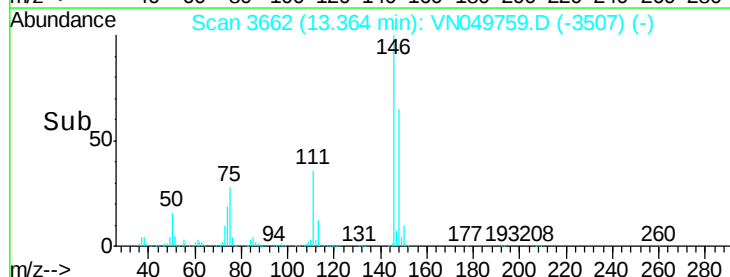
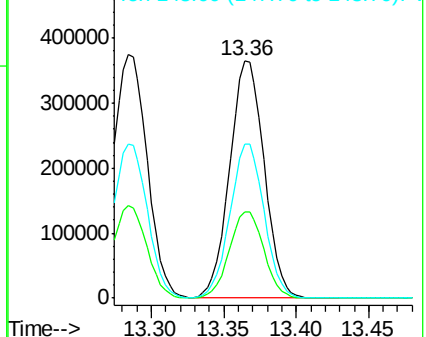
148 64.3 32.4 97.0

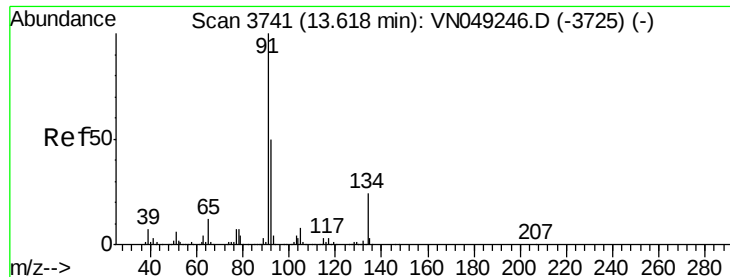


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

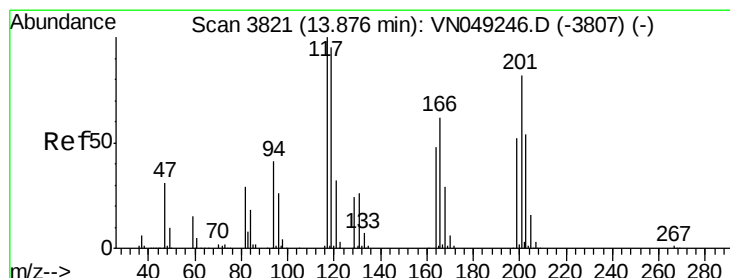
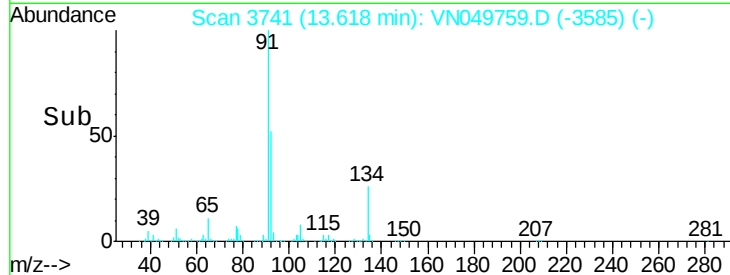
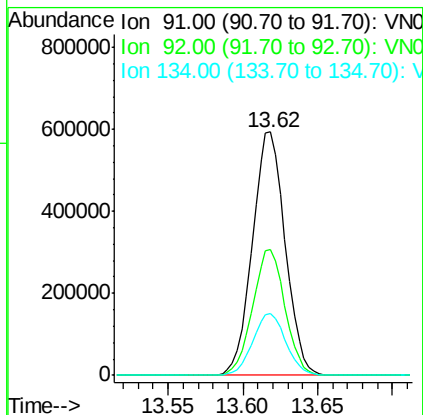
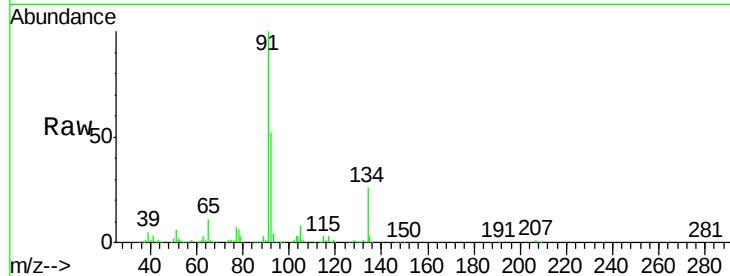
Ion 148.00 (147.70 to 148.70): V





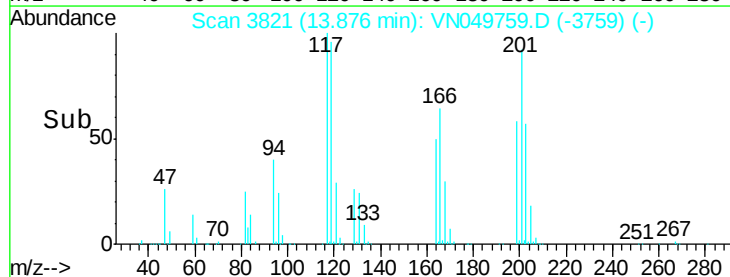
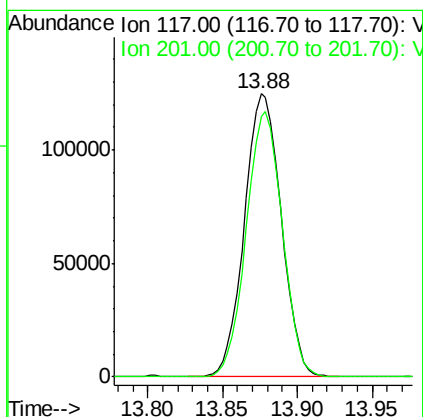
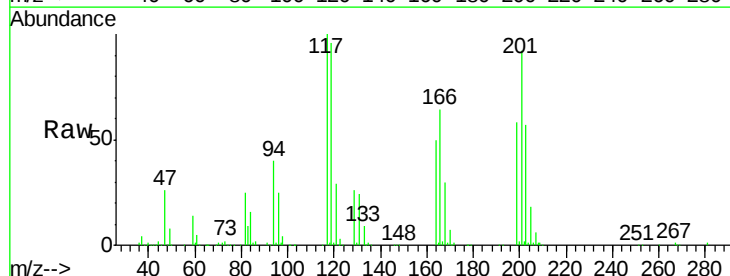
#85
n-Butylbenzene
Concen: 19.01 ug/l
RT: 13.62 min Scan# 3741
Delta R.T. 0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

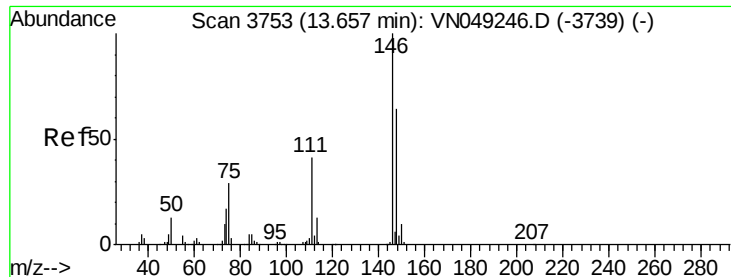
Tot Ion	Ratio	Lower	Upper
91	100		
92	51.2	0.0	102.8
134	25.8	0.0	51.0



#86
Hexachloroethane
Concen: 19.22 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

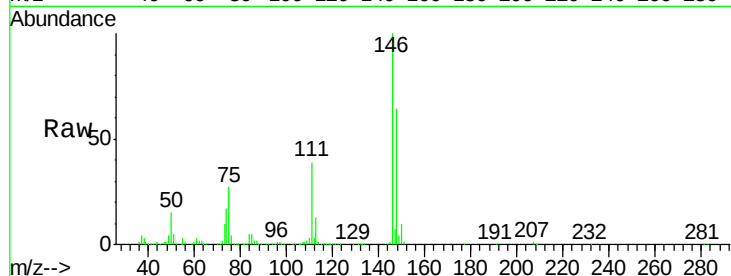
Tgt Ion	Ratio	Lower	Upper
117	100		
201	92.2	46.6	139.7



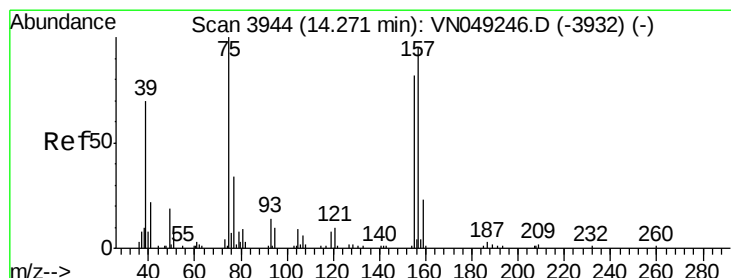
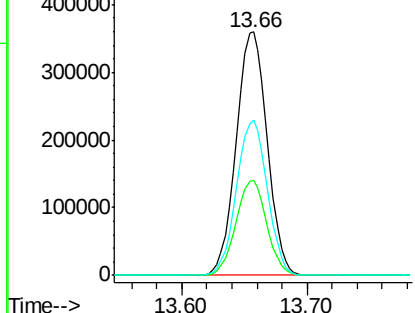
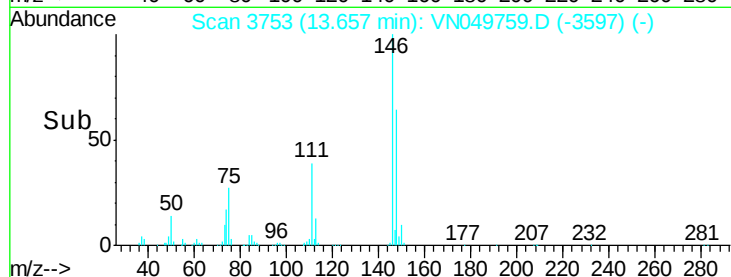


#87
 1,2-Dichlorobenzene
 Concen: 19.77 ug/l
 RT: 13.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VN049759.D
 Acq: 11 Jul 2018 15:00

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.8	59.3
148	63.4	31.8	95.3

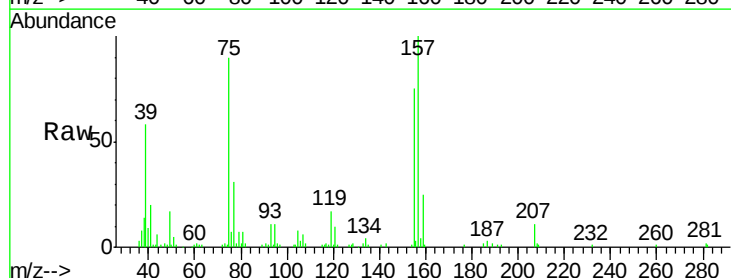


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

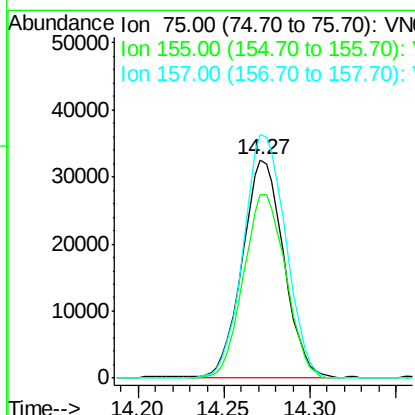
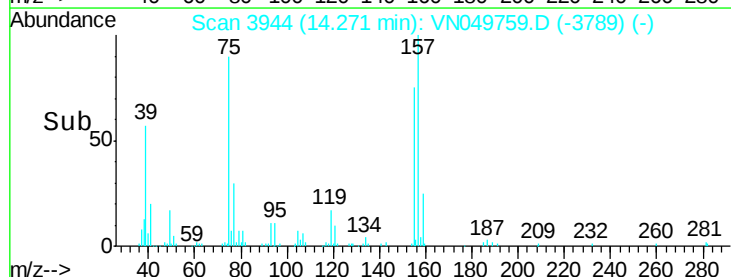


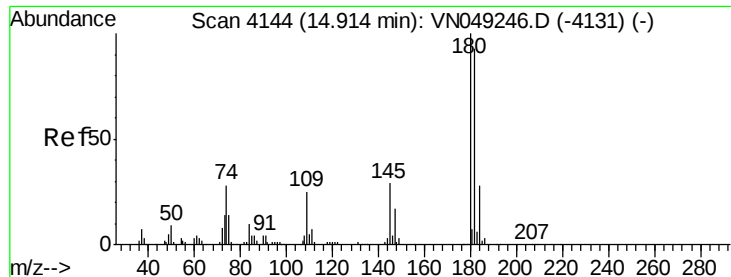
#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.98 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. -0.00 min
 Lab File: VN049759.D
 Acq: 11 Jul 2018 15:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.2	73.0	109.6
157	113.7	94.9	142.3



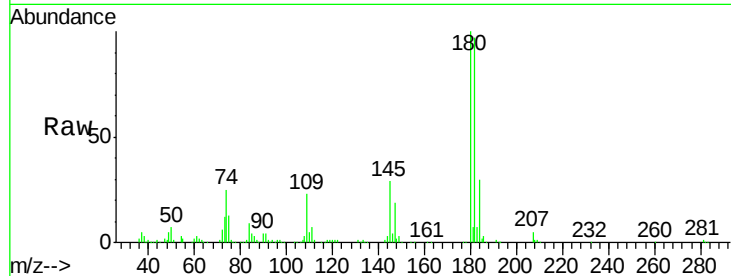
Abundance Ion 75.00 (74.70 to 75.70): V
 Ion 155.00 (154.70 to 155.70): V
 Ion 157.00 (156.70 to 157.70): V



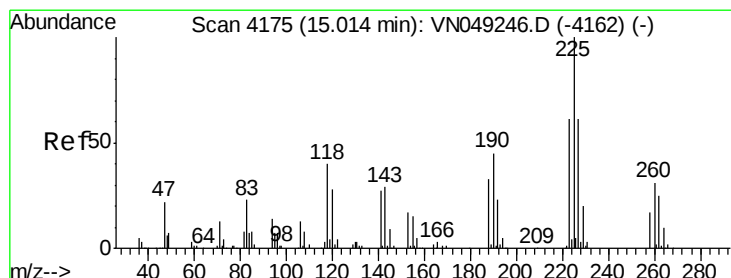
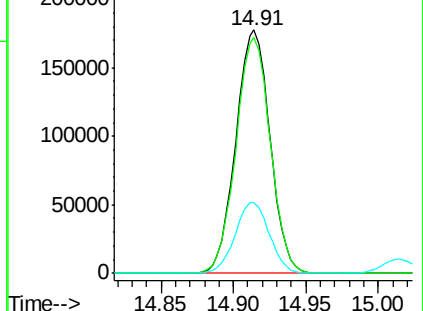
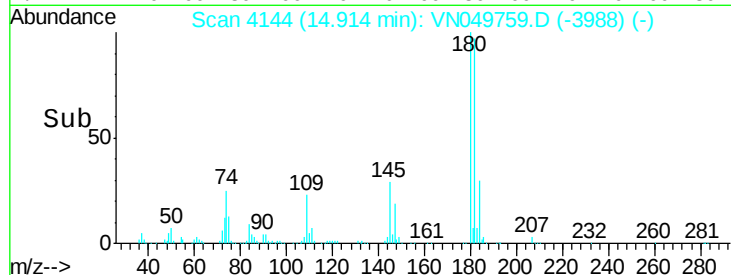


#89
 1,2,4-Trichlorobenzene
 Concen: 18.50 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN049759.D
 Acq: 11 Jul 2018 15:00

Tot Ion:180 Resp: 291584
 Ion Ratio Lower Upper
 180 100
 182 97.0 76.7 115.1
 145 29.1 23.4 35.0

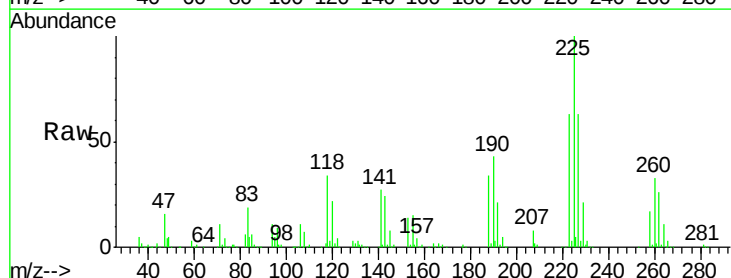


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

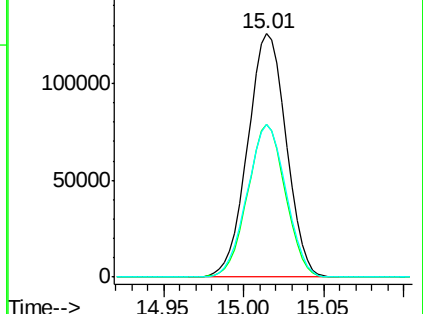
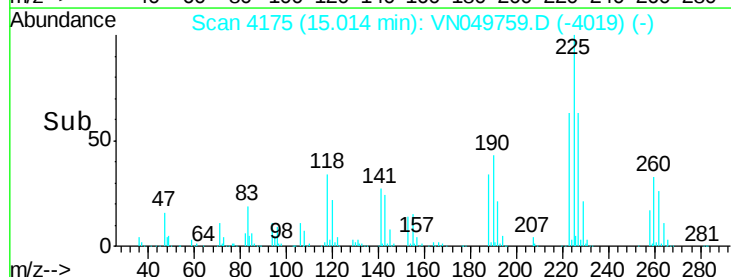


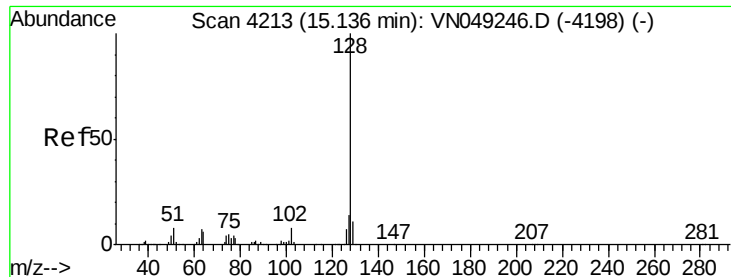
#90
 Hexachlorobutadiene
 Concen: 20.76 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049759.D
 Acq: 11 Jul 2018 15:00

Tgt Ion:225 Resp: 208171
 Ion Ratio Lower Upper
 225 100
 223 61.2 0.0 124.4
 227 63.0 0.0 133.0



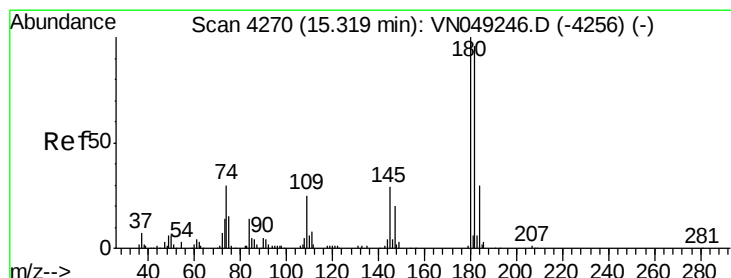
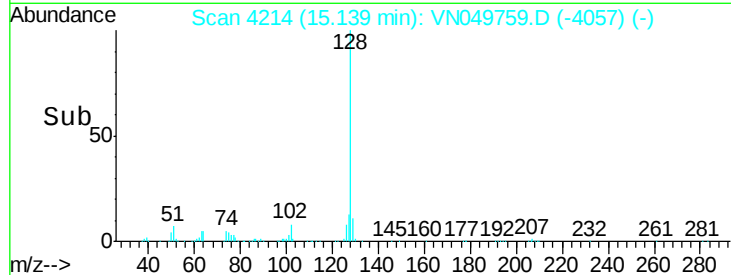
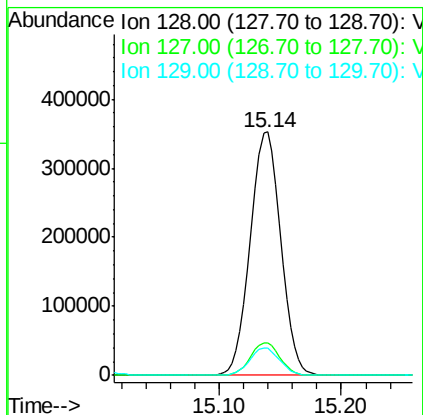
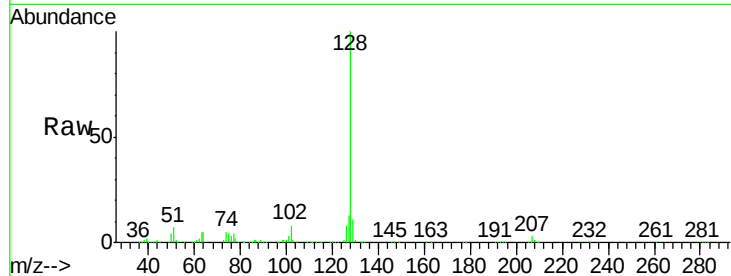
Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V





#91
Naphthalene
Concen: 17.50 ug/l
RT: 15.14 min Scan# 4214
Delta R.T. 0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

Tot Ion:128 Resp: 607834
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.0 9.0 13.4



#92
1,2,3-Trichlorobenzene
Concen: 19.26 ug/l
RT: 15.32 min Scan# 4270
Delta R.T. 0.00 min
Lab File: VN049759.D
Acq: 11 Jul 2018 15:00

Tgt Ion:180 Resp: 304407
Ion Ratio Lower Upper
180 100
182 94.9 0.0 188.8
145 30.5 0.0 60.8

