

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072418\
 Data File : VN050033.D
 Acq On : 24 Jul 2018 20:28
 Operator : MD\SY
 Sample : VN0724WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jul 25 00:51:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 24 06:27:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	382520	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	581970	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	521370	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	267829	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	424884	79.61	ug/l	0.00
Spiked Amount			Recovery	=	159.22%	
35) Dibromofluoromethane	7.60	113	369981	77.86	ug/l	0.00
Spiked Amount			Recovery	=	155.72%	
50) Toluene-d8	10.09	98	1363669	78.06	ug/l	0.00
Spiked Amount			Recovery	=	156.12%	
62) 4-Bromofluorobenzene	12.40	95	444667	77.31	ug/l	0.00
Spiked Amount			Recovery	=	154.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	191498	34.84	ug/l	96
3) Chloromethane	2.06	50	195639	32.75	ug/l	99
4) Vinyl Chloride	2.18	62	202705	32.22	ug/l	97
5) Bromomethane	2.56	94	115411	32.69	ug/l	98
6) Chloroethane	2.70	64	119522	31.63	ug/l	96
7) Trichlorofluoromethane	3.01	101	260603	31.97	ug/l	99
8) Diethyl Ether	3.41	74	87003	32.02	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.75	101	151176	30.85	ug/l	98
10) Methyl Iodide	3.95	142	196440	31.23	ug/l	99
11) Tert butyl alcohol	4.81	59	69176	176.16	ug/l	99
12) 1,1-Dichloroethene	3.73	96	139731	31.69	ug/l	98
13) Acrolein	3.61	56	50489	160.03	ug/l	97
14) Allyl chloride	4.33	41	215871	31.58	ug/l	99
15) Acrylonitrile	4.99	53	293505	171.31	ug/l	100
16) Acetone	3.83	43	219525	173.29	ug/l	100
17) Carbon Disulfide	4.05	76	416945	30.87	ug/l	99
18) Methyl Acetate	4.33	43	187802	38.02	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	394211	33.55	ug/l	99
20) Methylene Chloride	4.55	84	162696	33.98	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	149371	31.97	ug/l	98
22) Diisopropyl ether	5.96	45	458043	33.79	ug/l	96
23) Vinyl Acetate	5.90	43	1619710	169.09	ug/l	100
24) 1,1-Dichloroethane	5.85	63	282576	31.88	ug/l	100
25) 2-Butanone	6.85	43	351037	172.44	ug/l	97
26) 2,2-Dichloropropane	6.83	77	187972	27.88	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	161782	32.17	ug/l	99
28) Bromochloromethane	7.20	49	129895	32.13	ug/l	98
29) Tetrahydrofuran	7.22	42	229755	174.66	ug/l	100
30) Chloroform	7.37	83	288415	31.89	ug/l	100
31) Cyclohexane	7.66	56	231303	31.44	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	245152	31.69	ug/l	99
36) 1,1-Dichloropropene	7.80	75	205623	31.36	ug/l	100
37) Ethyl Acetate	6.94	43	152461	33.35	ug/l	99
38) Carbon Tetrachloride	7.78	117	215402	30.96	ug/l	99

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

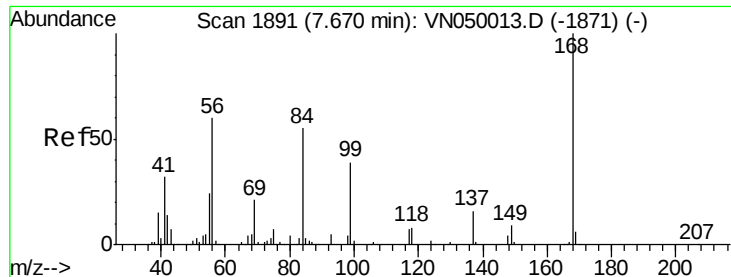
39) Methylcyclohexane	9.08	83	205631	30.49	ug/l	98
40) Benzene	8.05	78	641937	32.17	ug/l	98
41) Methacrylonitrile	7.18	41	77556	33.53	ug/l #	84
42) 1,2-Dichloroethane	8.13	62	213451	32.07	ug/l	99
43) Isopropyl Acetate	8.17	43	348474	40.23	ug/l #	92
44) Trichloroethene	8.84	130	166088	30.98	ug/l	99
45) 1,2-Dichloropropane	9.12	63	170881	32.34	ug/l	97
46) Dibromomethane	9.21	93	107497	32.76	ug/l	100
47) Bromodichloromethane	9.41	83	214048	30.91	ug/l	99
48) Methyl methacrylate	9.20	41	130394	33.12	ug/l	96
49) 1,4-Dioxane	9.20	88	37824	705.96	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	784335	174.53	ug/l	98
52) Toluene	10.16	92	391574	33.25	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	208917	31.97	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	236453	31.66	ug/l	100
55) 1,1,2-Trichloroethane	10.57	97	152155	32.57	ug/l	99
56) Ethyl methacrylate	10.43	69	184646	30.02	ug/l	100
57) 1,3-Dichloropropane	10.71	76	252117	33.14	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	428333	148.47	ug/l	99
59) 2-Hexanone	10.76	43	526219	161.23	ug/l	99
60) Dibromochloromethane	10.90	129	170032	32.88	ug/l	99
61) 1,2-Dibromoethane	11.01	107	148501	32.04	ug/l	97
64) Tetrachloroethene	10.63	164	157808	31.48	ug/l	98
65) Chlorobenzene	11.44	112	417074	31.67	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	161781	31.97	ug/l	100
67) Ethyl Benzene	11.52	91	678580	32.08	ug/l	100
68) m/p-Xylenes	11.62	106	537747	67.20	ug/l	99
69) o-Xylene	11.95	106	257664	33.78	ug/l	99
70) Styrene	11.97	104	411065	30.66	ug/l	99
71) Bromoform	12.13	173	118898	32.30	ug/l #	99
73) Isopropylbenzene	12.25	105	684989	32.98	ug/l	100
74) N-amyl acetate	12.07	43	208442	32.83	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	202194	35.95	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	240586	48.34	ug/l #	100
77) Bromobenzene	12.53	156	187078	32.50	ug/l	98
78) n-propylbenzene	12.59	91	775651	33.41	ug/l	99
79) 2-Chlorotoluene	12.68	91	477154	33.16	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	566397	34.67	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	50289	32.05	ug/l	96
82) 4-Chlorotoluene	12.78	91	474480	33.30	ug/l	99
83) tert-Butylbenzene	13.00	119	474831	33.30	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	576677	35.02	ug/l	99
85) sec-Butylbenzene	13.17	105	646029	33.91	ug/l	99
86) p-Isopropyltoluene	13.29	119	545919	34.01	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	307535	31.51	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	295795	31.10	ug/l	99
89) n-Butylbenzene	13.62	91	416970	31.59	ug/l	99
90) Hexachloroethane	13.88	117	106415	29.85	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	309688	31.74	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	31756	34.05	ug/l	97

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	137266	27.98	ug/l	98
94) Hexachlorobutadiene	15.01	225	92200	30.87	ug/l	99
95) Naphthalene	15.14	128	317521	28.08	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	145569	29.82	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050033.D

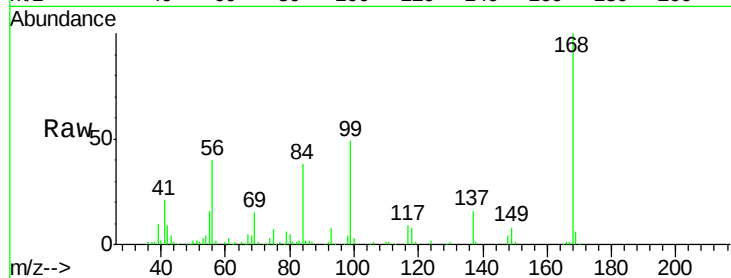
Acq: 24 Jul 2018 20:28

Tot Ion:168 Resp: 382520

Ion Ratio Lower Upper

168 100

99 49.1 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

150000

100000

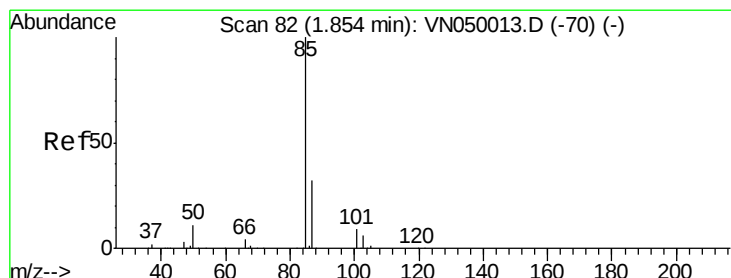
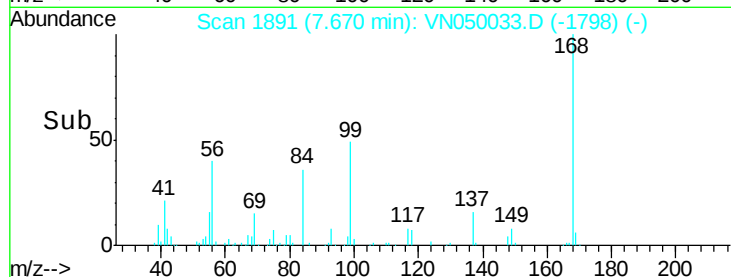
50000

0

Time-->

7.60

7.70



#2

Dichlorodifluoromethane

Concen: 34.84 ug/l

RT: 1.85 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN050033.D

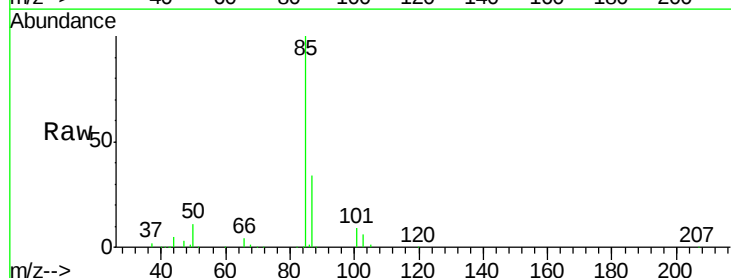
Acq: 24 Jul 2018 20:28

Tgt Ion: 85 Resp: 191498

Ion Ratio Lower Upper

85 100

87 34.3 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

150000

100000

50000

0

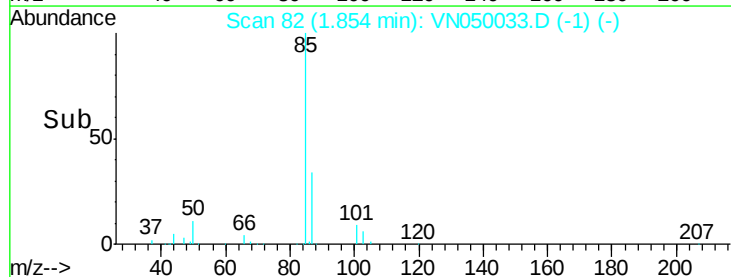
Time-->

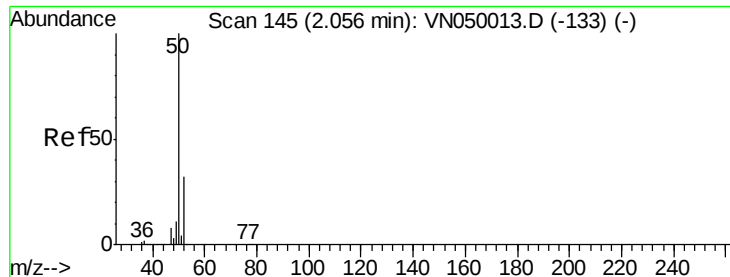
1.80

1.85

1.90

1.95





#3

Chloromethane

Concen: 32.75 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN050033.D

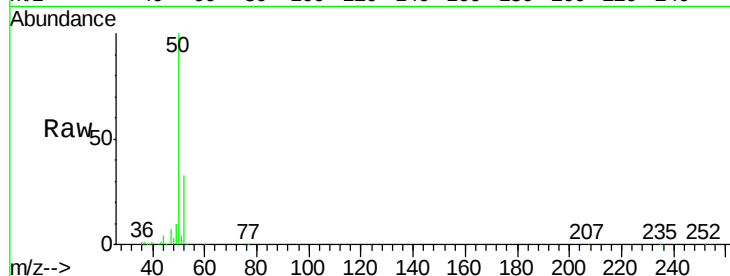
Acq: 24 Jul 2018 20:28

Tot Ion: 50 Resp: 195639

Ion Ratio Lower Upper

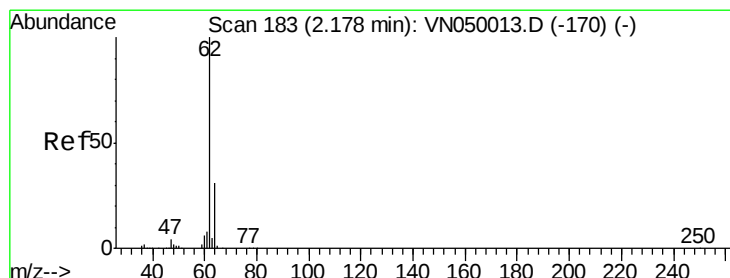
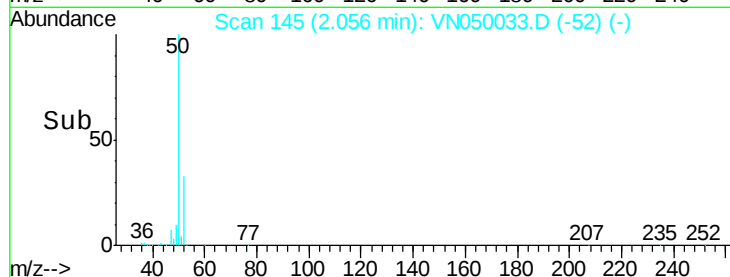
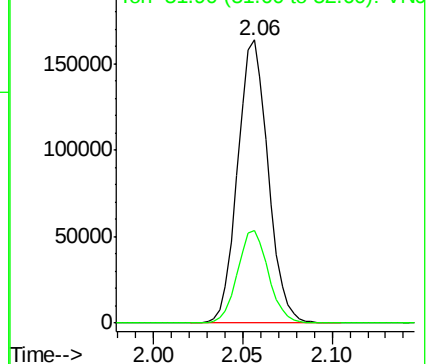
50 100

52 32.7 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 32.22 ug/l

RT: 2.18 min Scan# 183

Delta R.T. 0.00 min

Lab File: VN050033.D

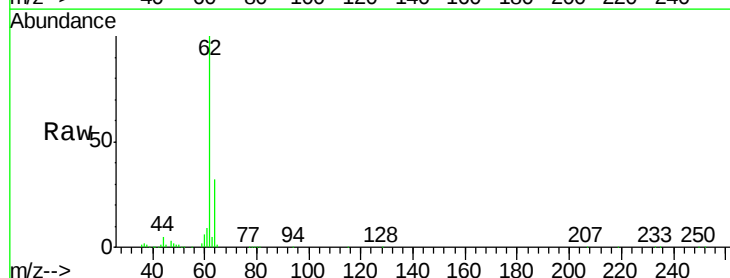
Acq: 24 Jul 2018 20:28

Tgt Ion: 62 Resp: 202705

Ion Ratio Lower Upper

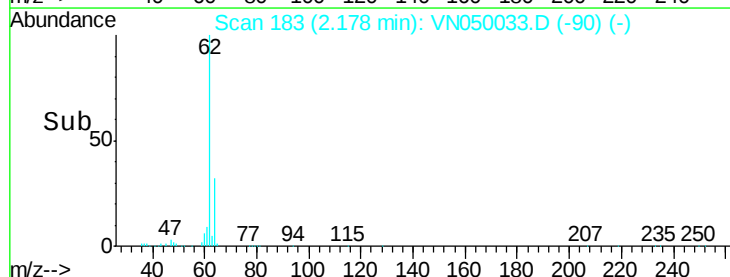
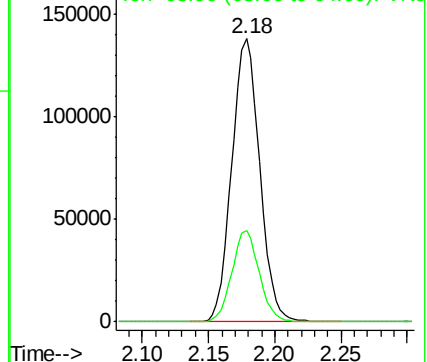
62 100

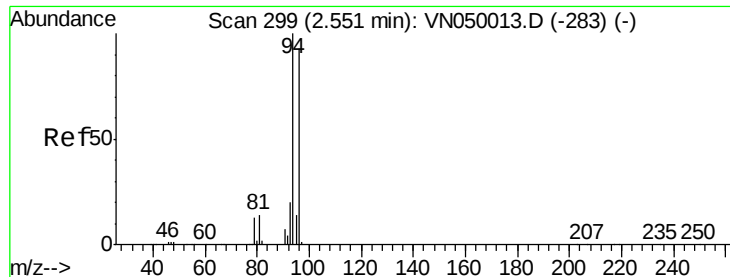
64 32.5 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 32.69 ug/l

RT: 2.56 min Scan# 302

Delta R.T. 0.01 min

Lab File: VN050033.D

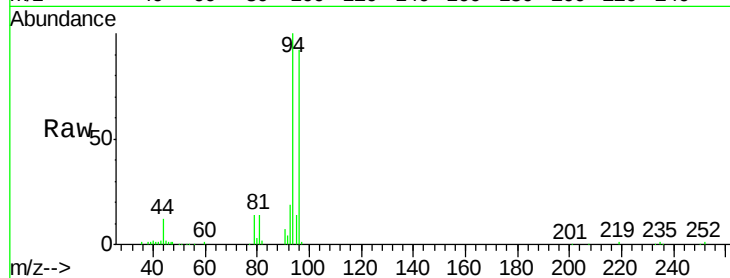
Acq: 24 Jul 2018 20:28

Tot Ion: 94 Resp: 115411

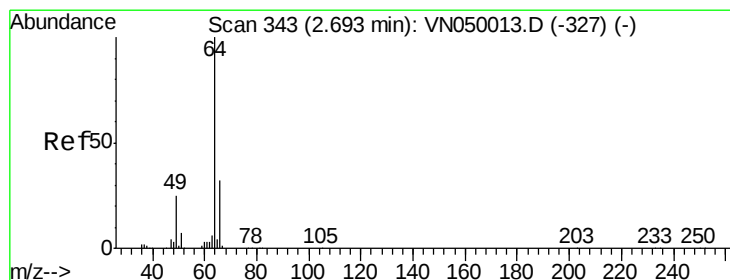
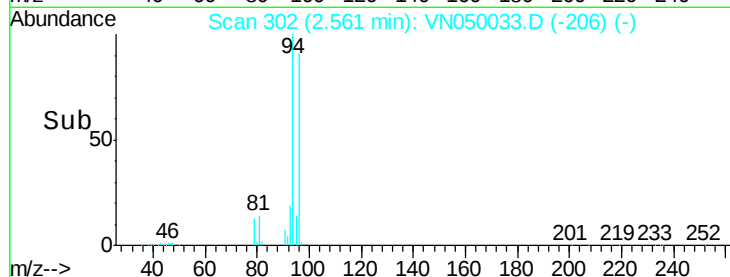
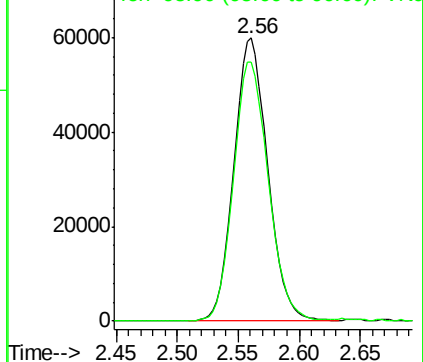
Ion Ratio Lower Upper

94 100

96 91.4 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VNO
Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 31.63 ug/l

RT: 2.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VN050033.D

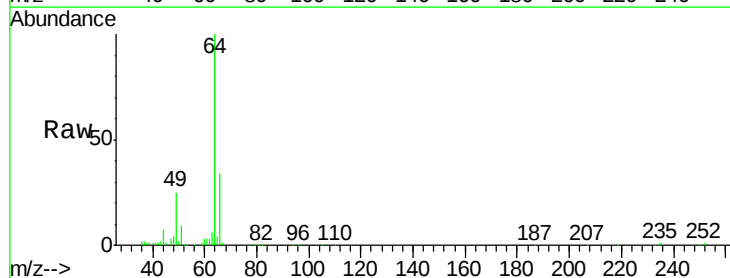
Acq: 24 Jul 2018 20:28

Tgt Ion: 64 Resp: 119522

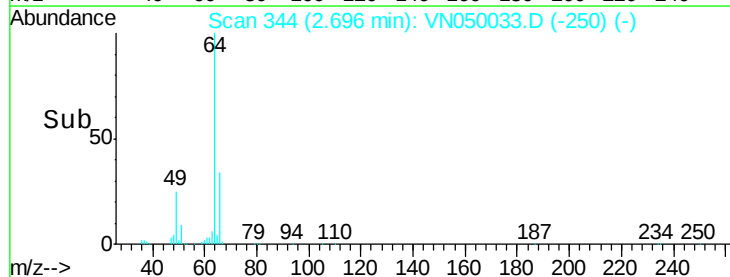
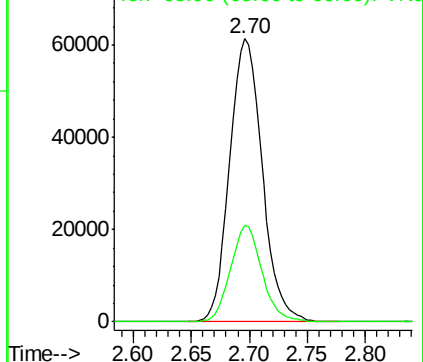
Ion Ratio Lower Upper

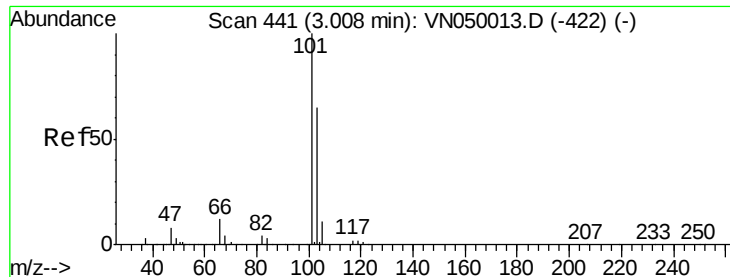
64 100

66 33.9 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VNO
Ion 65.90 (65.60 to 66.60): VNO

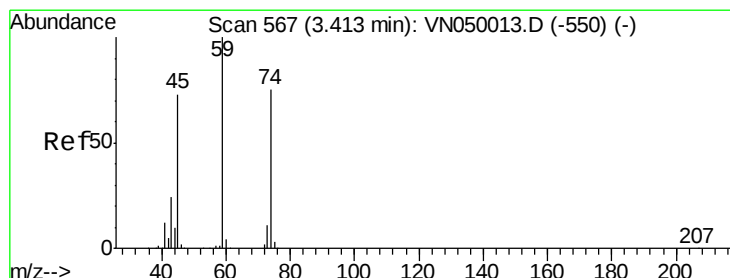
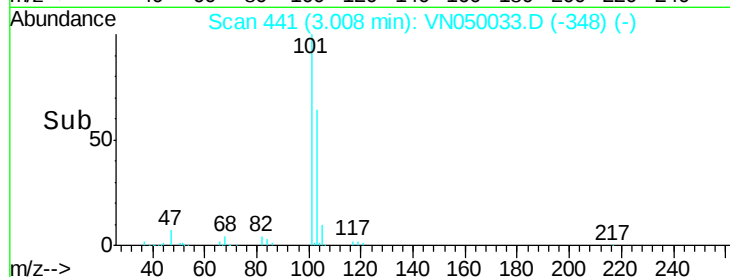
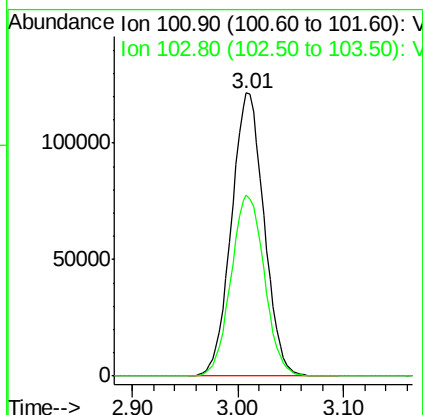
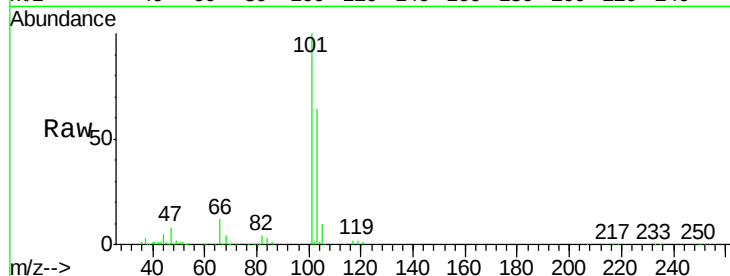




#7

Trichlorofluoromethane
Concen: 31.97 ug/l
RT: 3.01 min Scan# 441
Delta R.T. 0.00 min
Lab File: VN050033.D
Acq: 24 Jul 2018 20:28

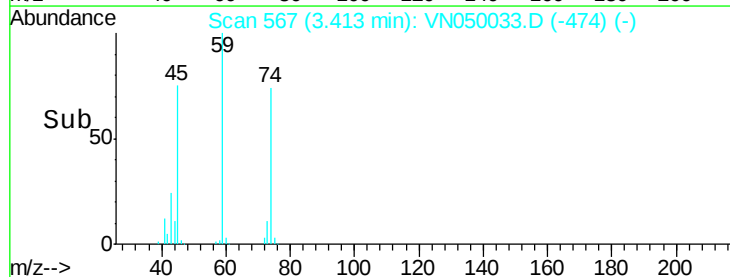
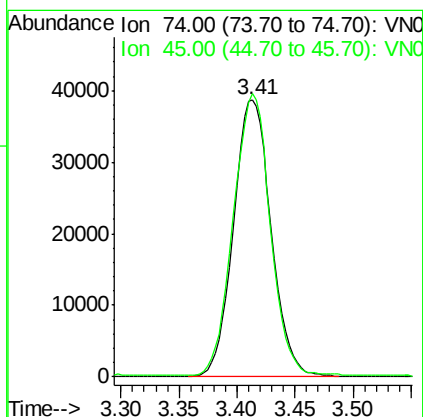
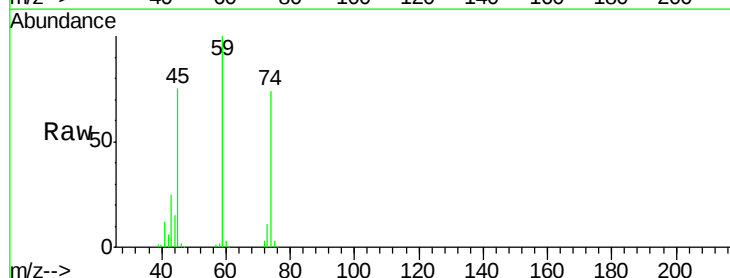
Tot Ion:101 Resp: 260603
Ion Ratio Lower Upper
101 100
103 63.8 51.7 77.5

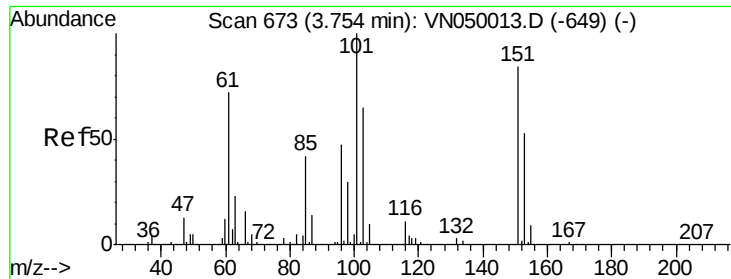


#8

Diethyl Ether
Concen: 32.02 ug/l
RT: 3.41 min Scan# 567
Delta R.T. 0.00 min
Lab File: VN050033.D
Acq: 24 Jul 2018 20:28

Tgt Ion: 74 Resp: 87003
Ion Ratio Lower Upper
74 100
45 100.1 47.6 142.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 30.85 ug/l

RT: 3.75 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN050033.D

Acq: 24 Jul 2018 20:28

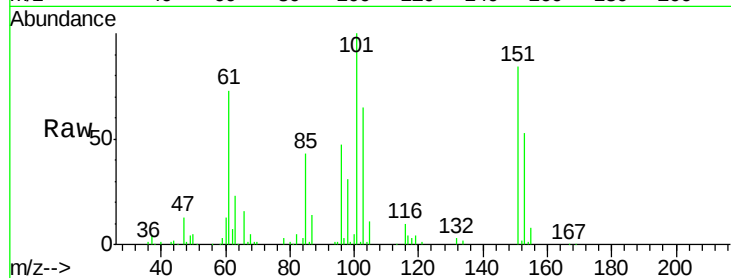
Tot Ion:101 Resp: 151176

Ion Ratio Lower Upper

101 100

85 44.0 34.2 51.2

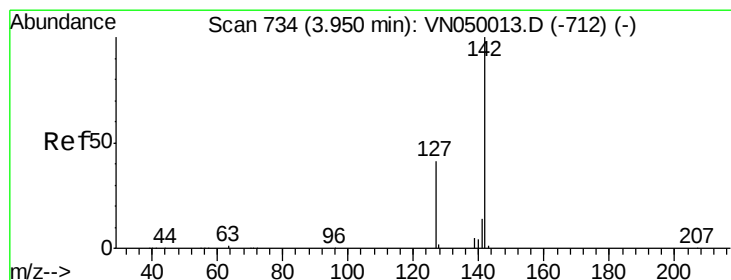
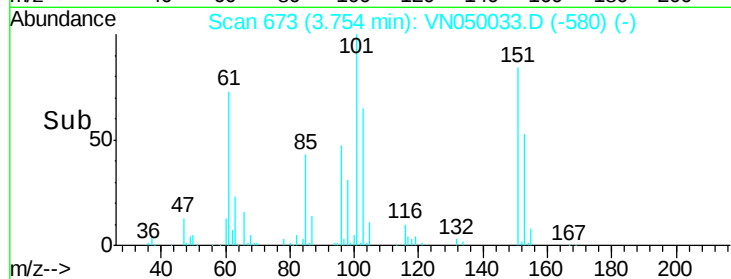
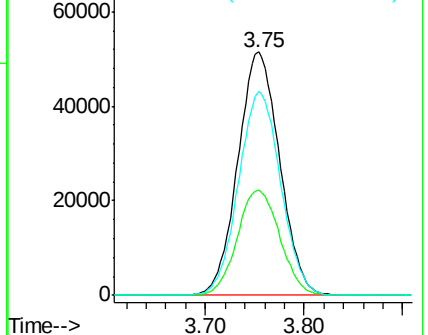
151 84.4 66.3 99.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 31.23 ug/l

RT: 3.95 min Scan# 734

Delta R.T. 0.00 min

Lab File: VN050033.D

Acq: 24 Jul 2018 20:28

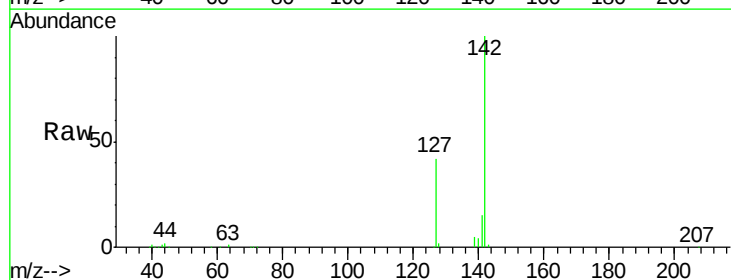
Tgt Ion:142 Resp: 196440

Ion Ratio Lower Upper

142 100

127 42.8 33.4 50.2

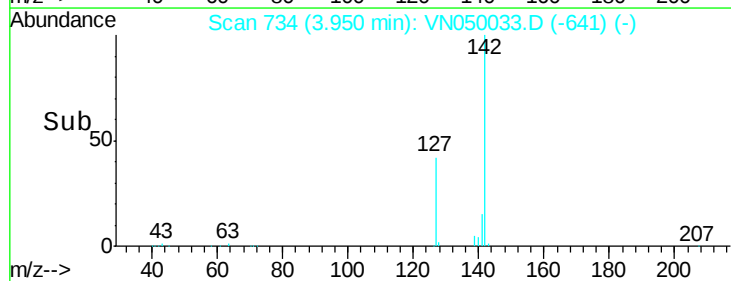
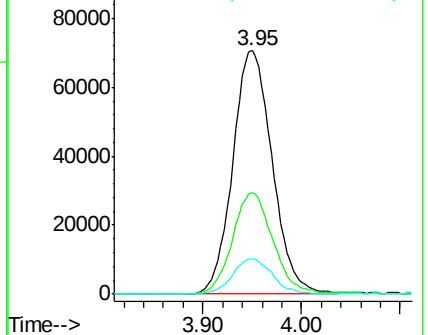
141 14.5 11.6 17.4

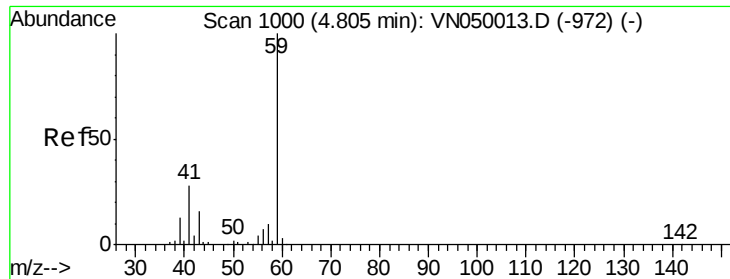


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 176.16 ug/l

RT: 4.81 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN050033.D

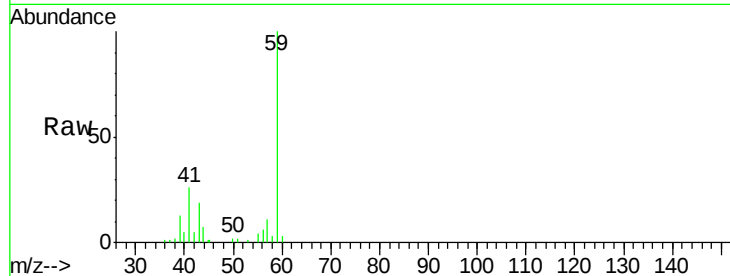
Acq: 24 Jul 2018 20:28

Tot Ion: 59 Resp: 69176

Ion Ratio Lower Upper

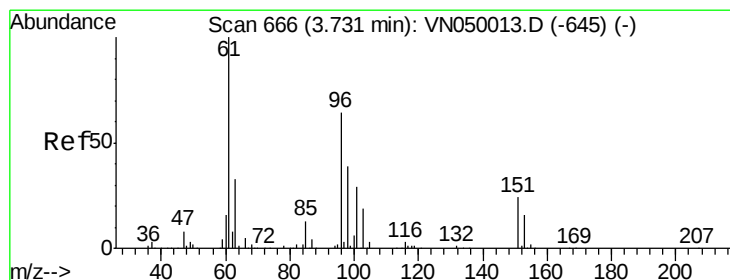
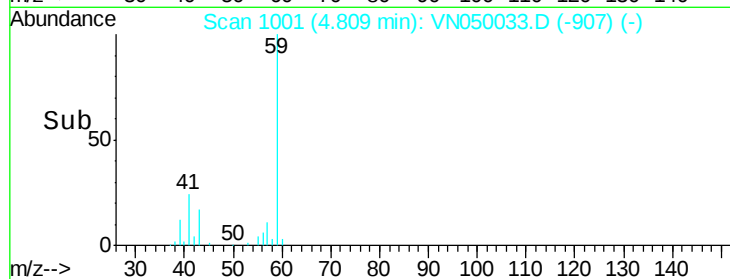
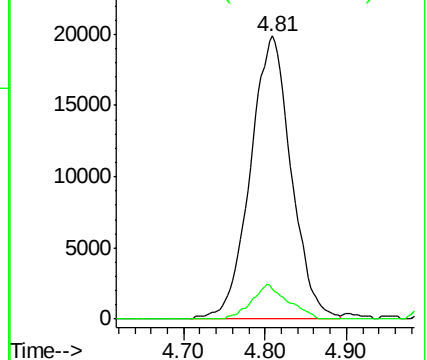
59 100

57 10.8 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 31.69 ug/l

RT: 3.73 min Scan# 667

Delta R.T. 0.00 min

Lab File: VN050033.D

Acq: 24 Jul 2018 20:28

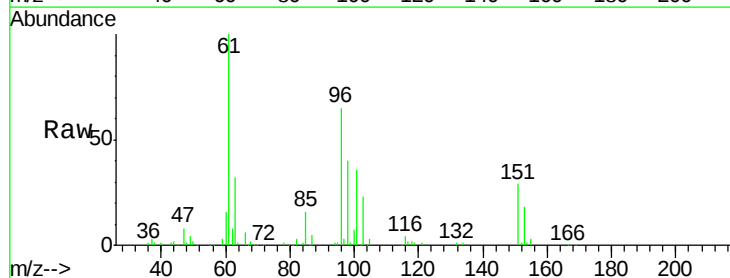
Tgt Ion: 96 Resp: 139731

Ion Ratio Lower Upper

96 100

61 153.3 124.4 186.6

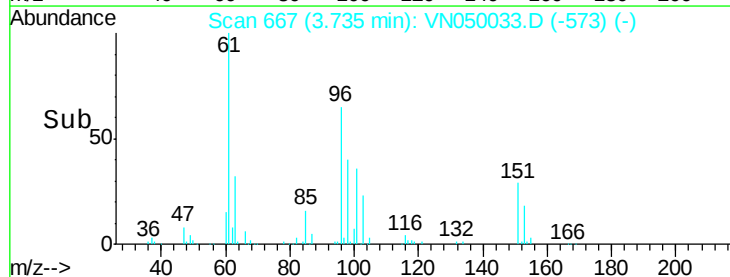
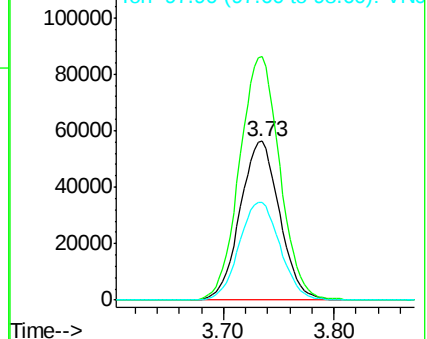
98 61.6 48.3 72.5

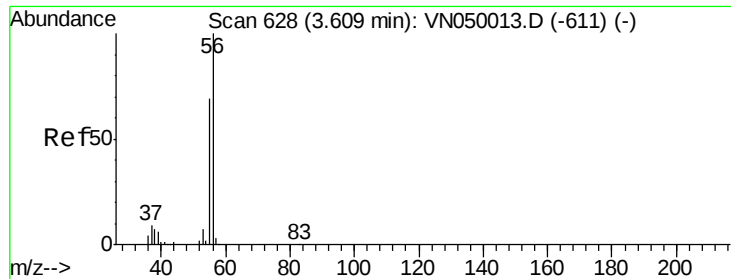


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 160.03 ug/l

RT: 3.61 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN050033.D

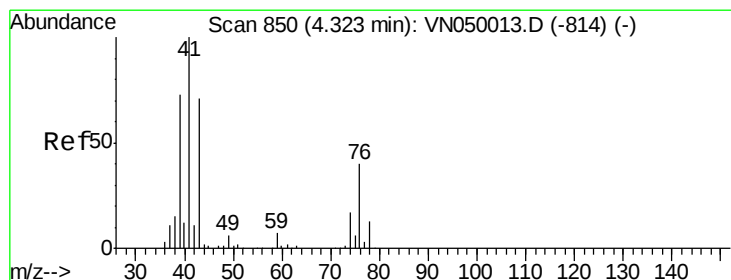
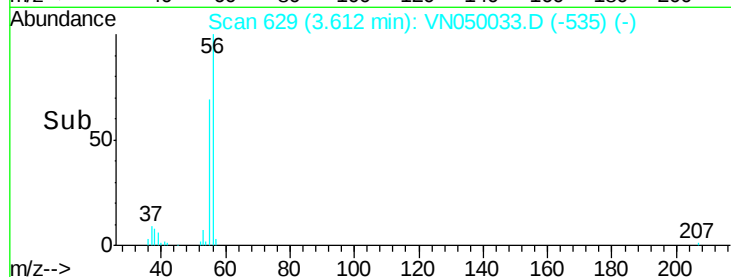
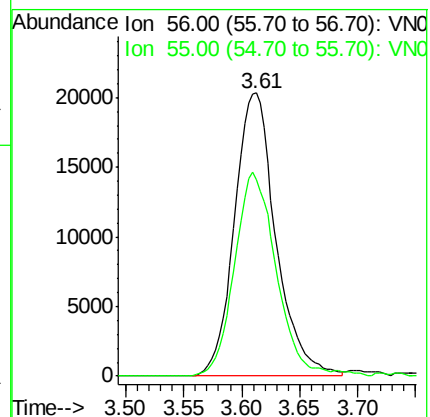
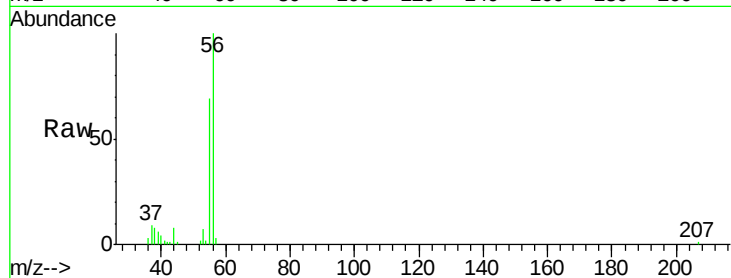
Acq: 24 Jul 2018 20:28

Tot Ion: 56 Resp: 50489

Ion Ratio Lower Upper

56 100

55 71.9 55.8 83.6



#14

Allyl chloride

Concen: 31.58 ug/l

RT: 4.33 min Scan# 851

Delta R.T. 0.00 min

Lab File: VN050033.D

Acq: 24 Jul 2018 20:28

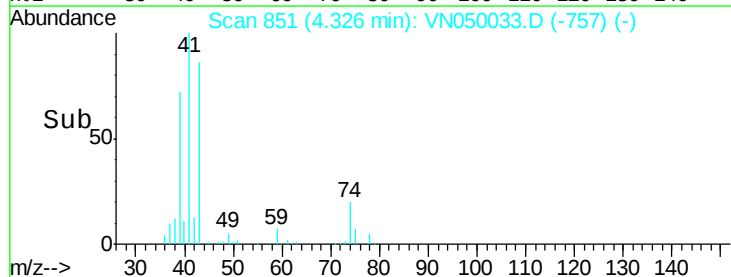
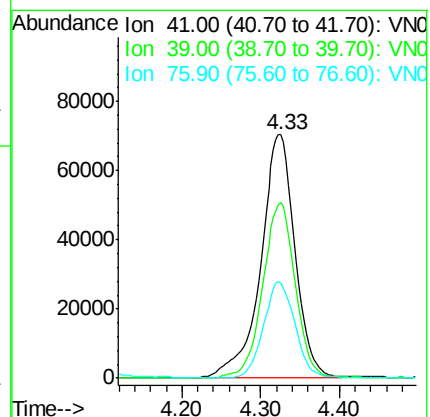
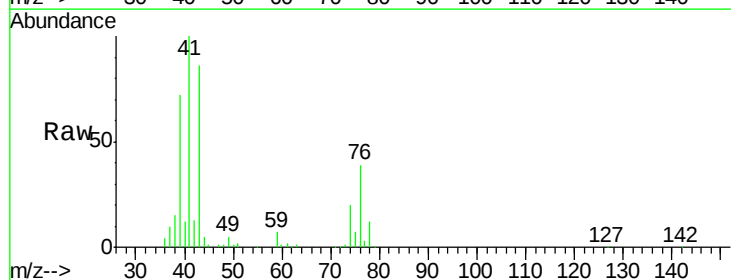
Tgt Ion: 41 Resp: 215871

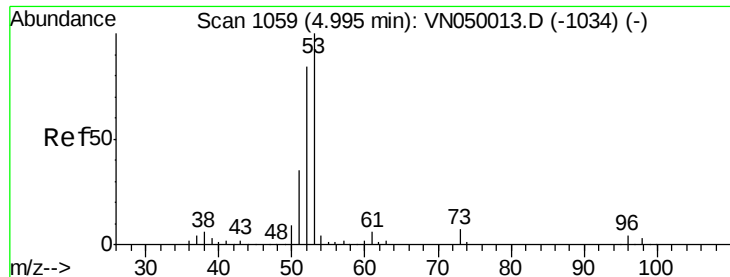
Ion Ratio Lower Upper

41 100

39 68.4 54.2 81.4

76 35.7 29.0 43.6





#15

Acrylonitrile

Concen: 171.31 ug/l

RT: 4.99 min Scan# 1059

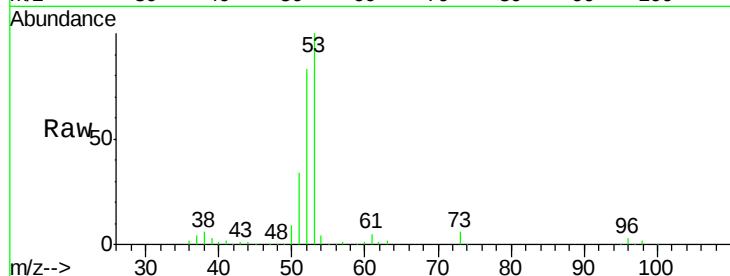
Delta R.T. 0.00 min

Lab File: VN050033.D

Acq: 24 Jul 2018 20:28

Tot Ion: 53 Resp: 293505

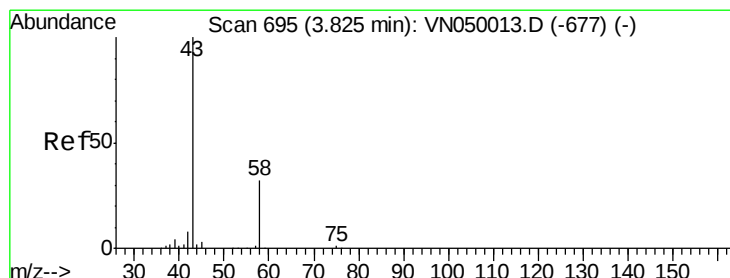
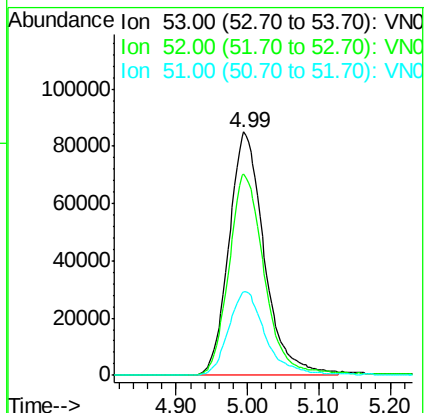
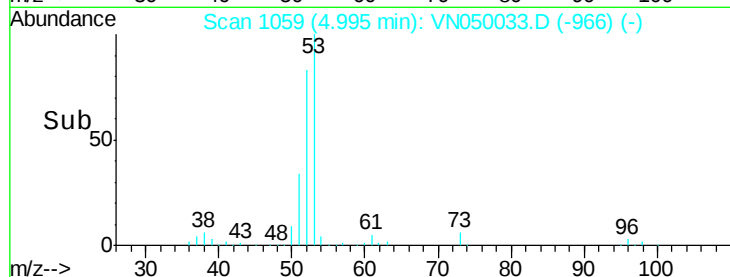
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.2	99.2
51	36.1	29.3	43.9



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



#16

Acetone

Concen: 173.29 ug/l

RT: 3.83 min Scan# 696

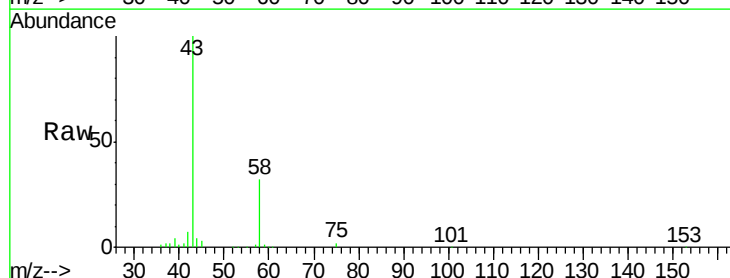
Delta R.T. 0.00 min

Lab File: VN050033.D

Acq: 24 Jul 2018 20:28

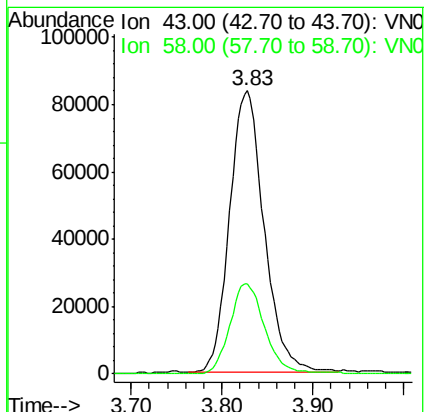
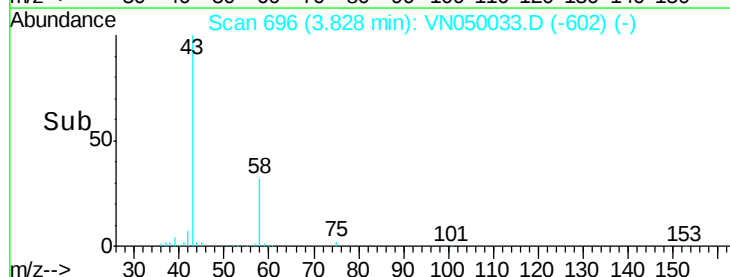
Tgt Ion: 43 Resp: 219525

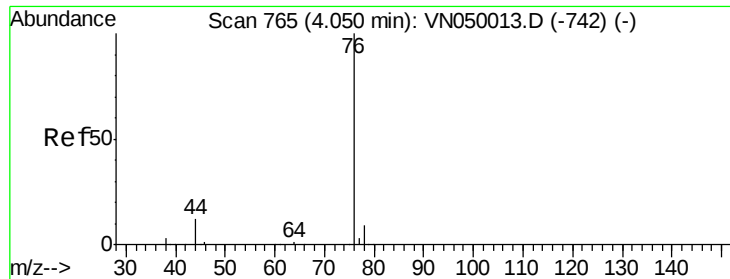
Ion	Ratio	Lower	Upper
43	100		
58	32.1	25.8	38.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

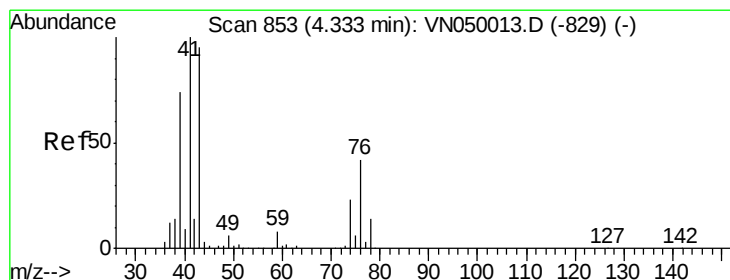
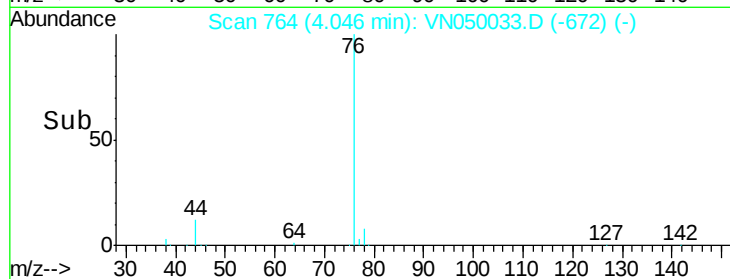
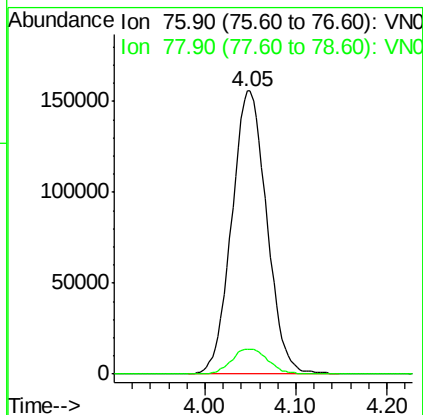
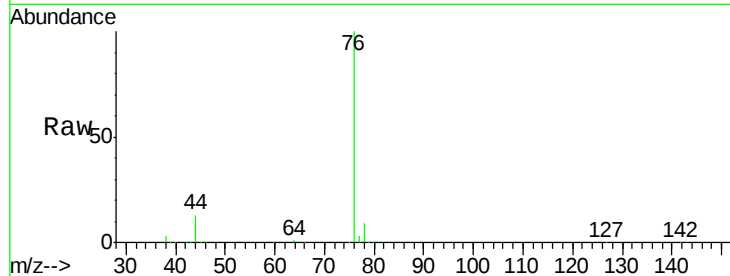
Ion 58.00 (57.70 to 58.70): VN0





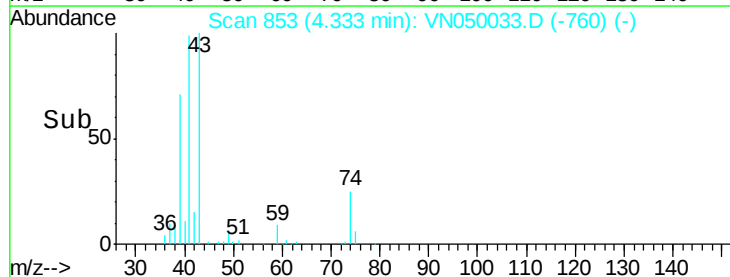
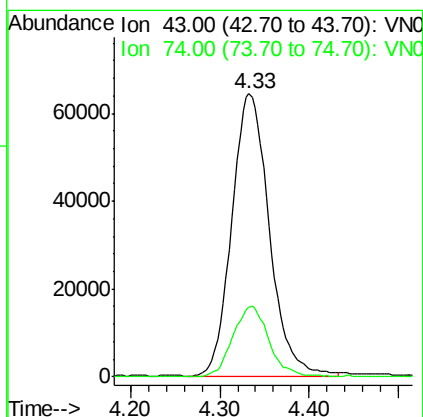
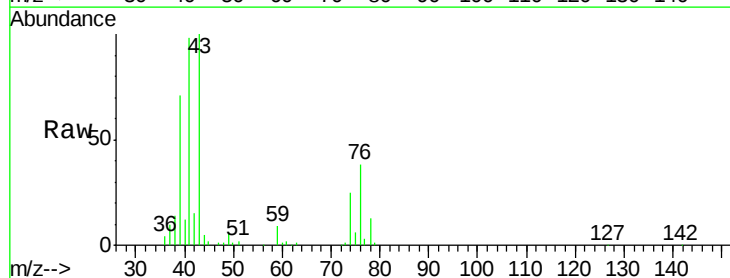
#17
Carbon Disulfide
Concen: 30.87 ug/l
RT: 4.05 min Scan# 764
Delta R.T. -0.00 min
Lab File: VN050033.D
Acq: 24 Jul 2018 20:28

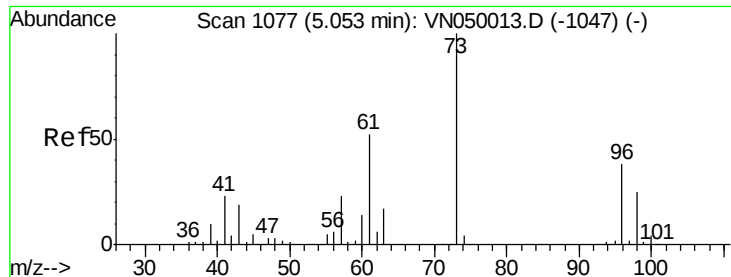
Tot Ion: 76 Resp: 416945
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 38.02 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN050033.D
Acq: 24 Jul 2018 20:28

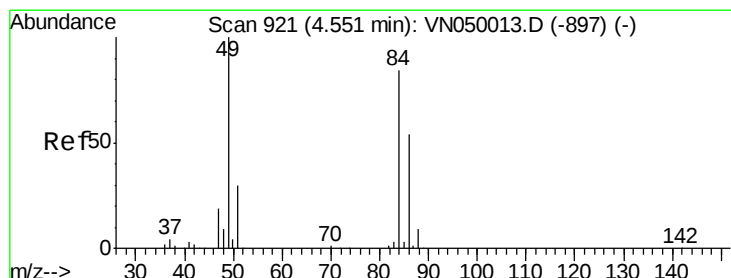
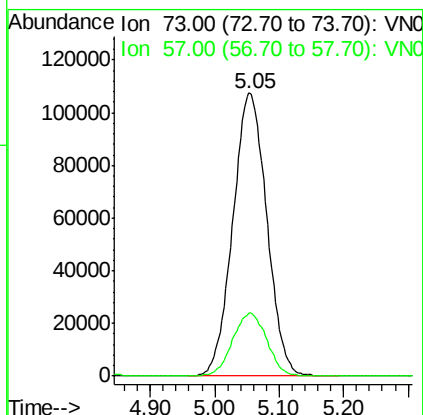
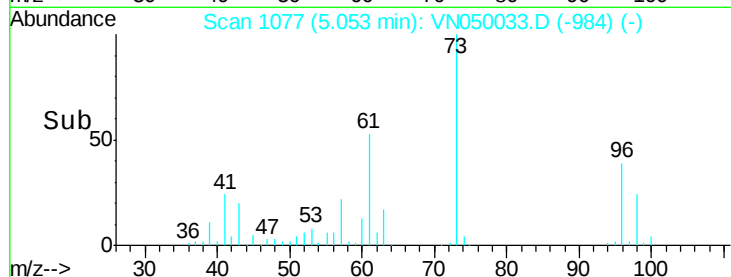
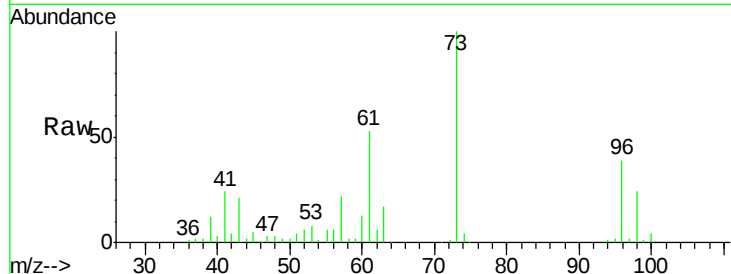
Tgt Ion: 43 Resp: 187802
Ion Ratio Lower Upper
43 100
74 24.2 19.2 28.8





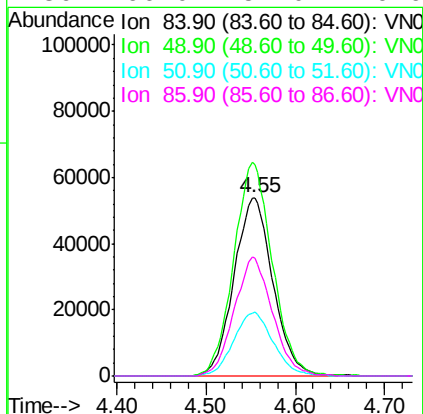
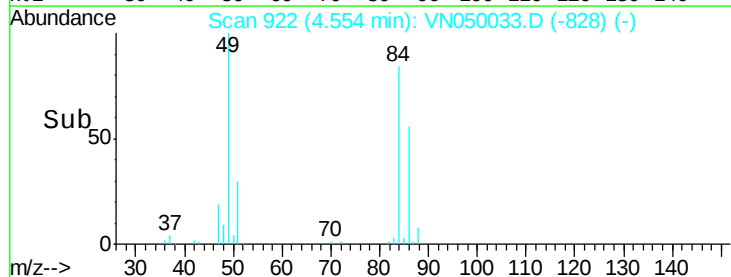
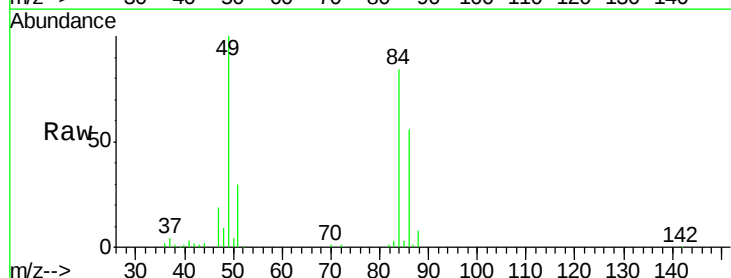
#19
Methvl tert-butvl Ether
Concen: 33.55 ug/l
RT: 5.05 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VN050033.D
Acq: 24 Jul 2018 20:28

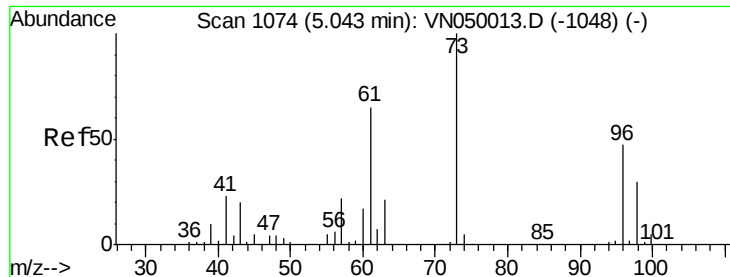
Tot Ion: 73 Resp: 394211
Ion Ratio Lower Upper
73 100
57 22.2 18.0 27.0



#20
Methylene Chloride
Concen: 33.98 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050033.D
Acq: 24 Jul 2018 20:28

Tgt Ion: 84 Resp: 162696
Ion Ratio Lower Upper
84 100
49 118.8 94.8 142.2
51 35.8 28.3 42.5
86 66.0 51.0 76.6

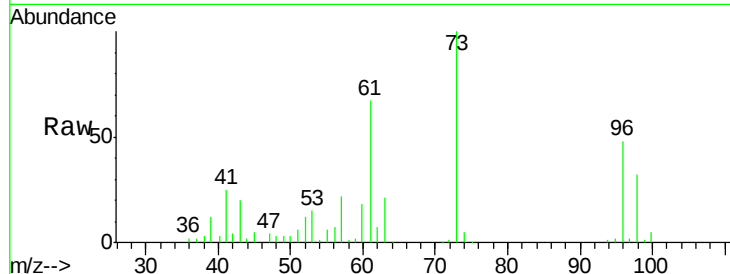




#21

trans-1,2-Dichloroethene
Concen: 31.97 ug/l
RT: 5.04 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VN050033.D
Acq: 24 Jul 2018 20:28

Tot Ion	96	Resp	149371
Ion	Ratio	Lower	Upper
96	100		
61	139.7	110.7	166.1
98	66.9	51.6	77.4

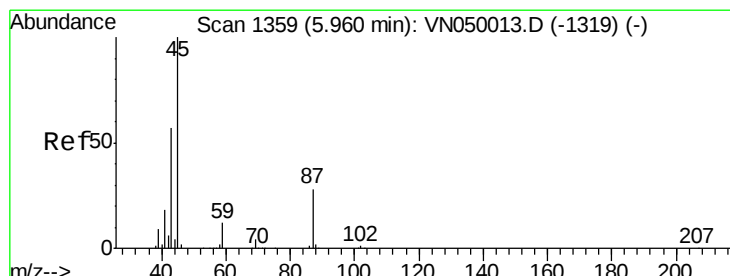
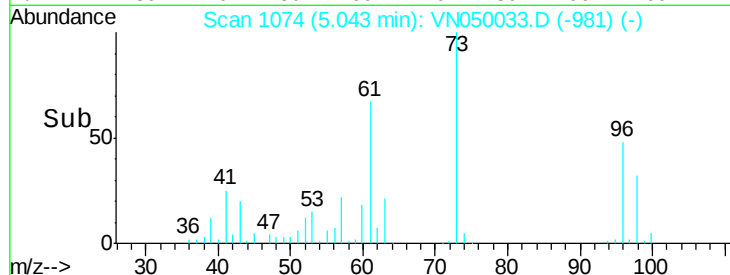
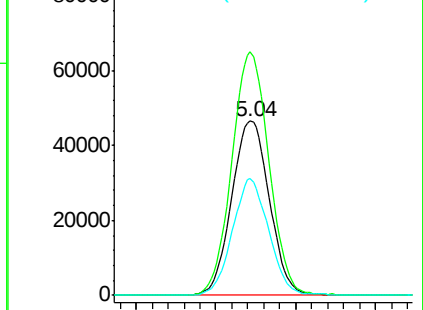


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

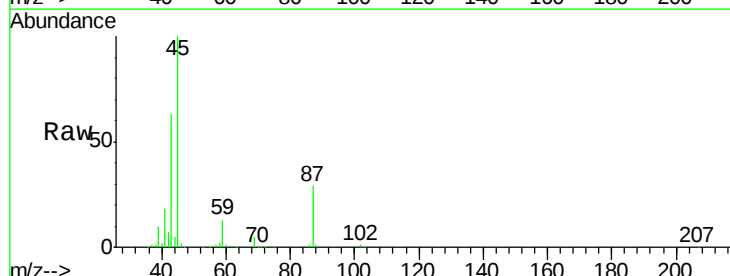
Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether
Concen: 33.79 ug/l
RT: 5.96 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VN050033.D
Acq: 24 Jul 2018 20:28

Tgt Ion	45	Resp	458043
Ion	Ratio	Lower	Upper
45	100		
43	61.6	45.7	68.5
87	28.5	22.7	34.1
59	12.7	9.5	14.3



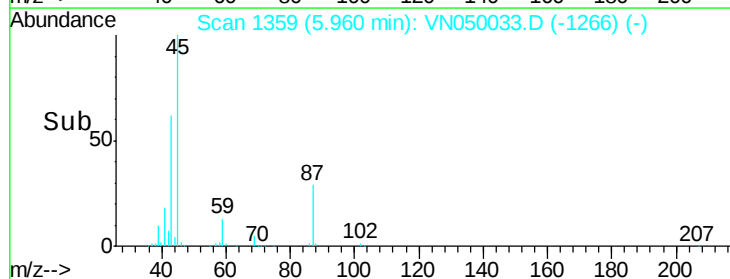
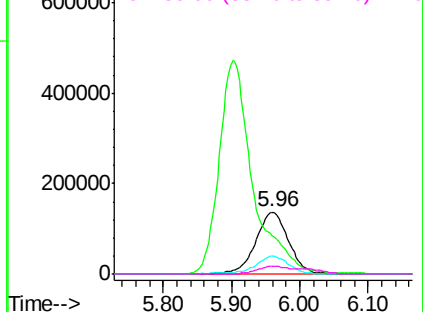
Abundance

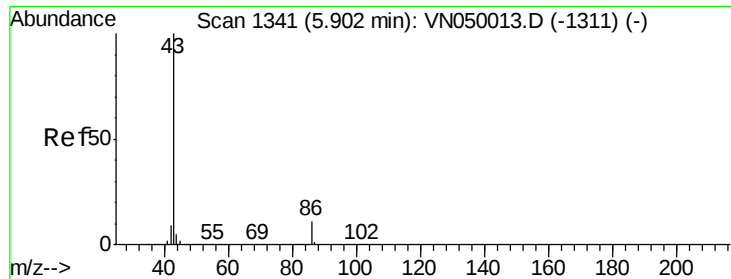
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 169.09 ug/l

RT: 5.90 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VN050033.D

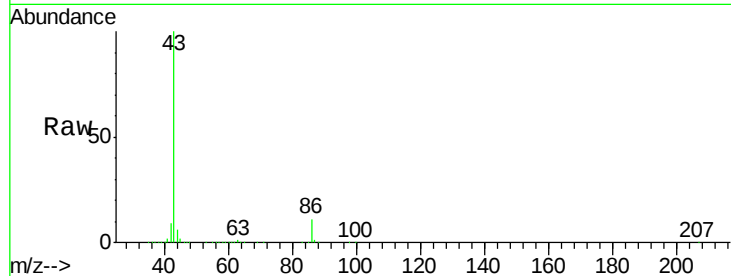
Acq: 24 Jul 2018 20:28

Tot Ion: 43 Resp: 1619710

Ion Ratio Lower Upper

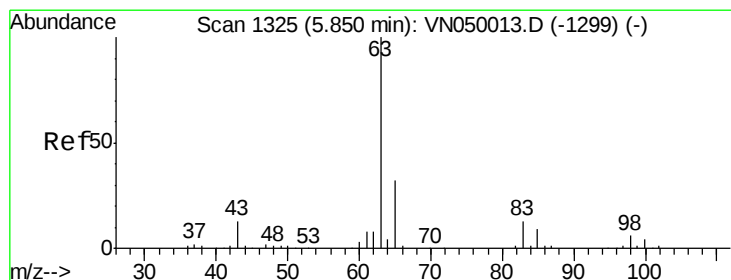
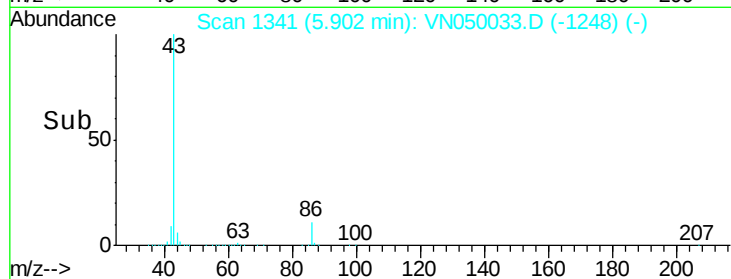
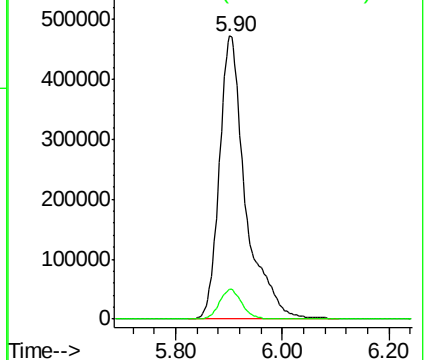
43 100

86 10.7 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 31.88 ug/l

RT: 5.85 min Scan# 1326

Delta R.T. 0.00 min

Lab File: VN050033.D

Acq: 24 Jul 2018 20:28

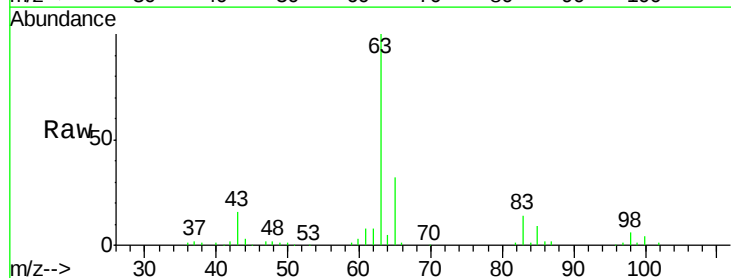
Tgt Ion: 63 Resp: 282576

Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.8

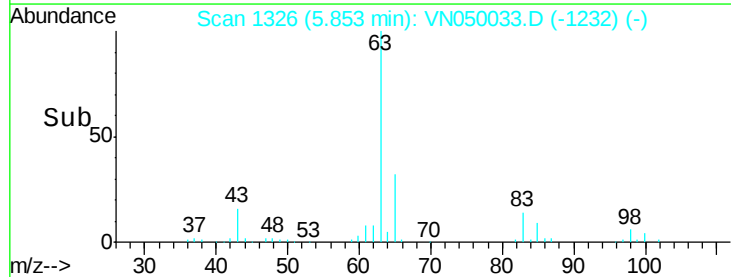
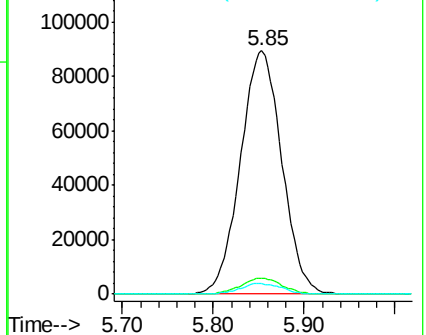
100 4.2 2.1 6.3

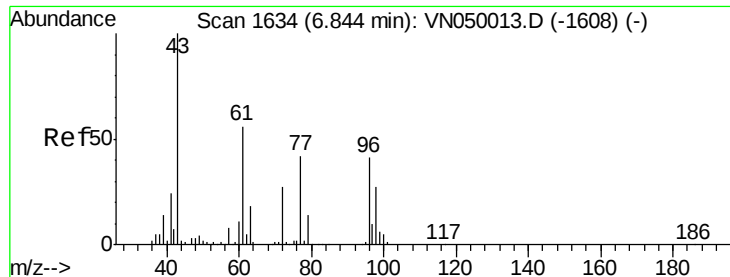


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 172.44 ug/l

RT: 6.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VN050033.D

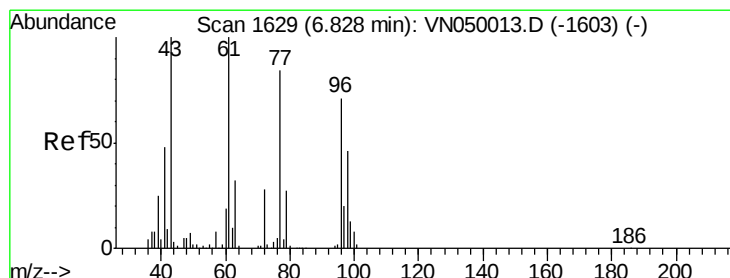
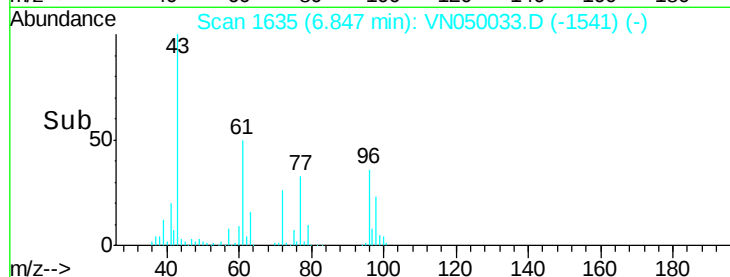
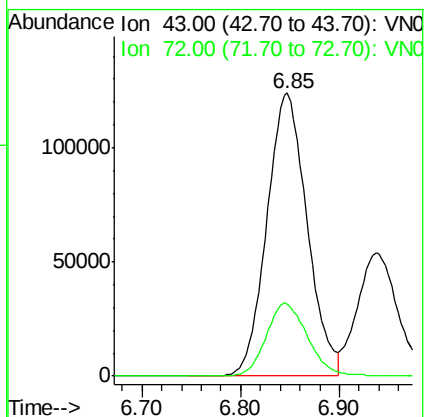
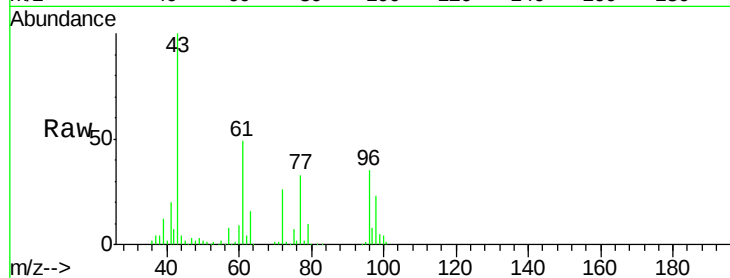
Acq: 24 Jul 2018 20:28

Tot Ion: 43 Resp: 351037

Ion Ratio Lower Upper

43 100

72 25.5 21.5 32.3



#26

2,2-Dichloropropane

Concen: 27.88 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VN050033.D

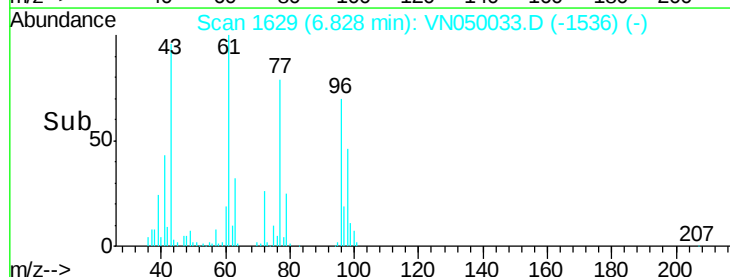
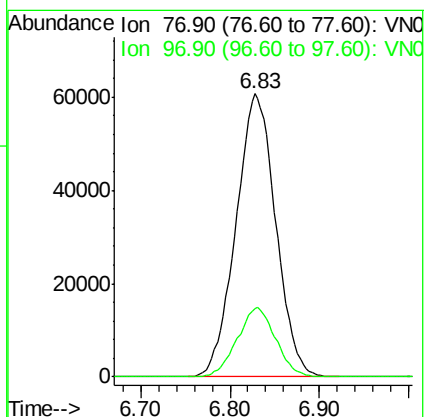
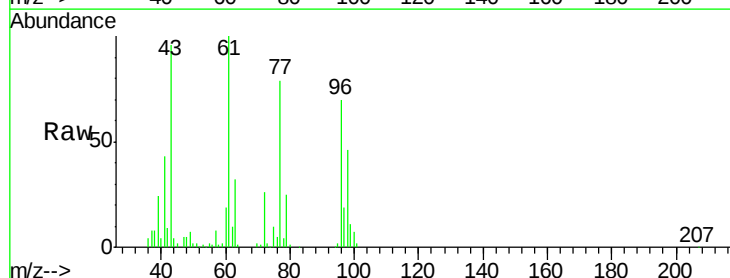
Acq: 24 Jul 2018 20:28

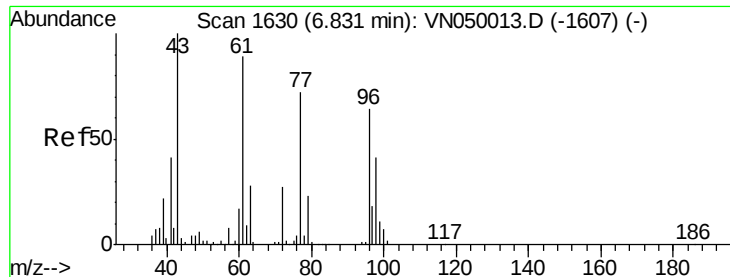
Tgt Ion: 77 Resp: 187972

Ion Ratio Lower Upper

77 100

97 23.7 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 32.17 ug/l

RT: 6.83 min Scan# 1630

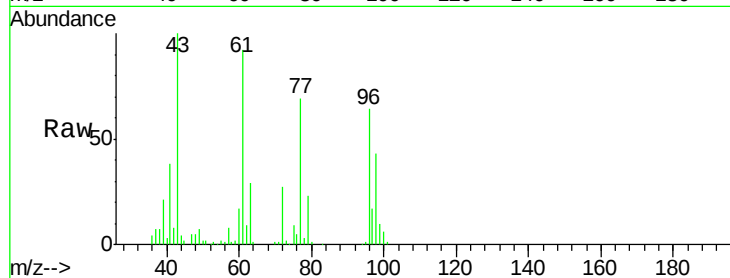
Delta R.T. 0.00 min

Lab File: VN050033.D

Acq: 24 Jul 2018 20:28

Tot Ion: 96 Resp: 161782

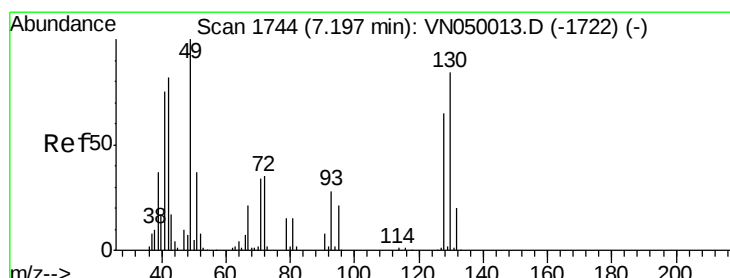
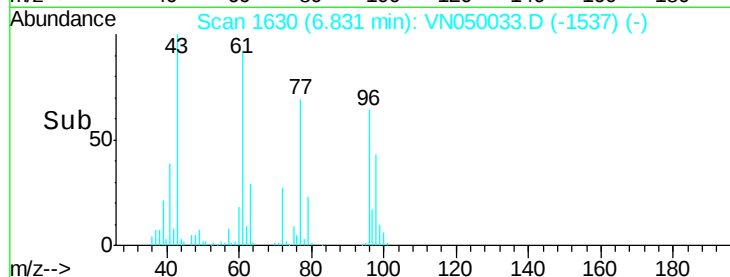
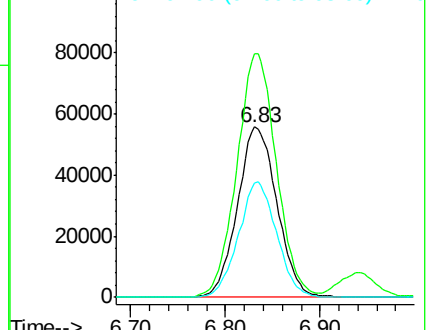
Ion	Ratio	Lower	Upper
96	100		
61	143.0	0.0	285.0
98	65.6	0.0	129.2



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 32.13 ug/l

RT: 7.20 min Scan# 1744

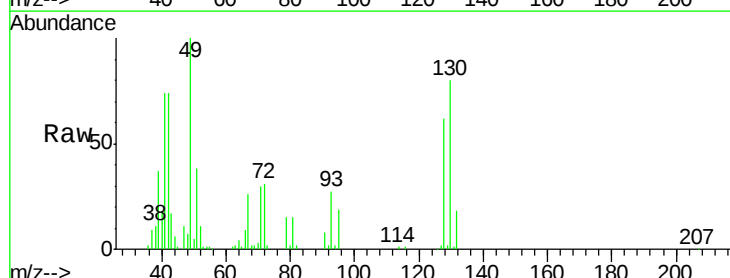
Delta R.T. 0.00 min

Lab File: VN050033.D

Acq: 24 Jul 2018 20:28

Tgt Ion: 49 Resp: 129895

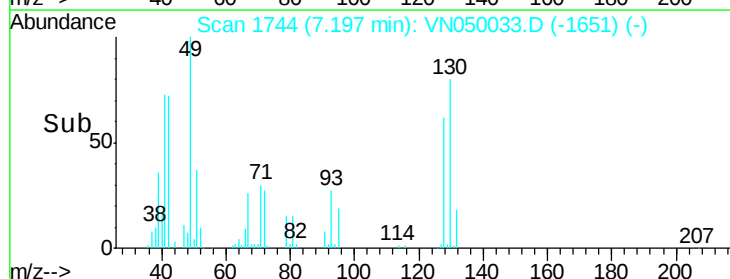
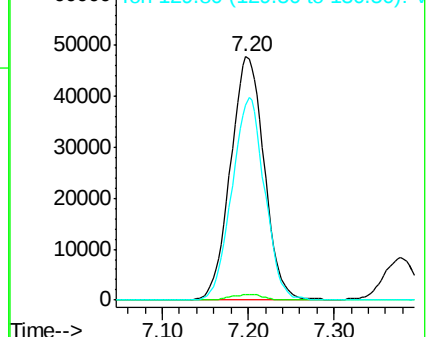
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	80.8	66.3	99.5

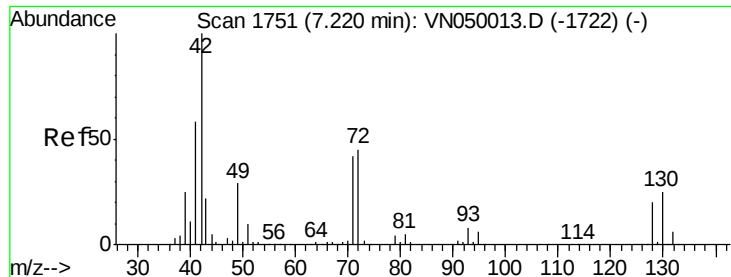


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 174.66 ug/l

RT: 7.22 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VN050033.D

Acq: 24 Jul 2018 20:28

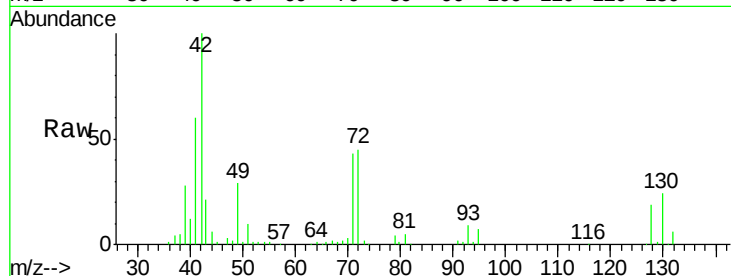
Tot Ion: 42 Resp: 229755

Ion Ratio Lower Upper

42 100

72 44.7 35.9 53.9

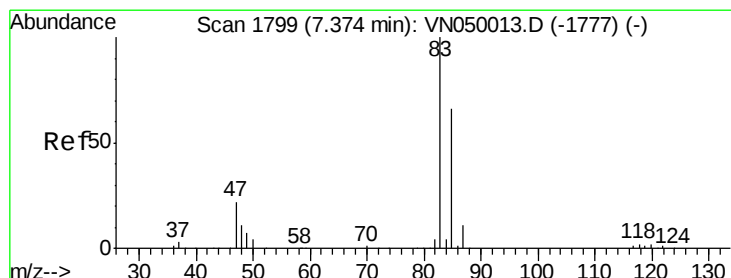
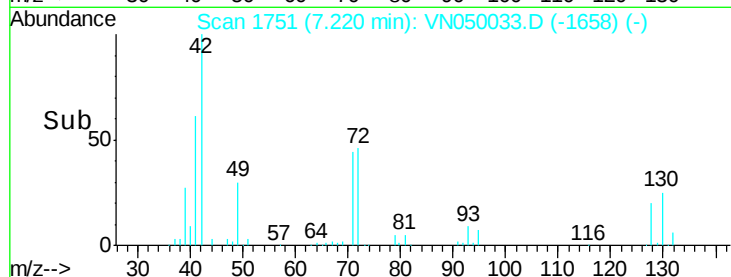
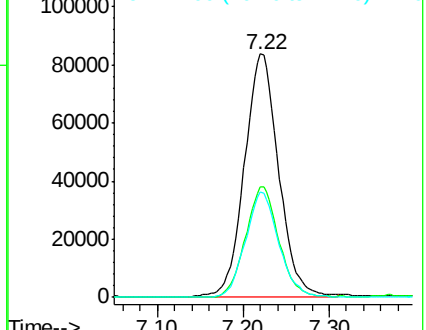
71 42.5 33.7 50.5



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 31.89 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN050033.D

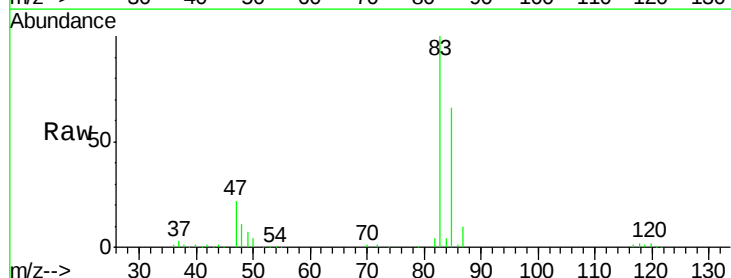
Acq: 24 Jul 2018 20:28

Tgt Ion: 83 Resp: 288415

Ion Ratio Lower Upper

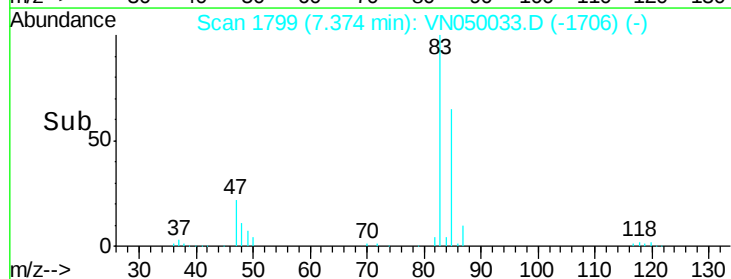
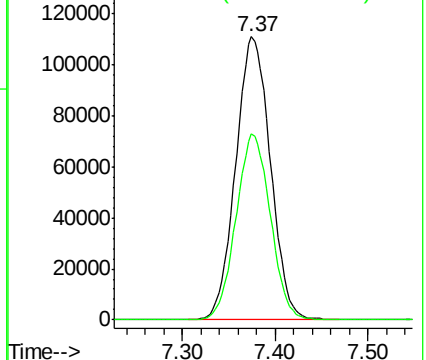
83 100

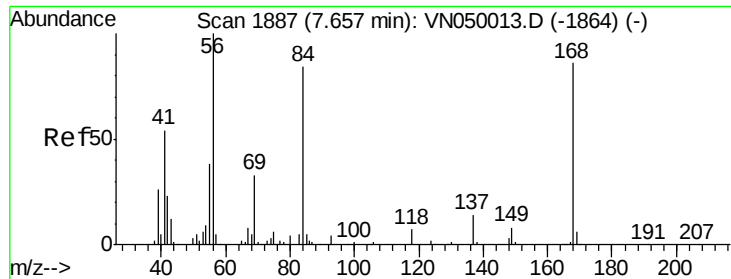
85 65.6 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

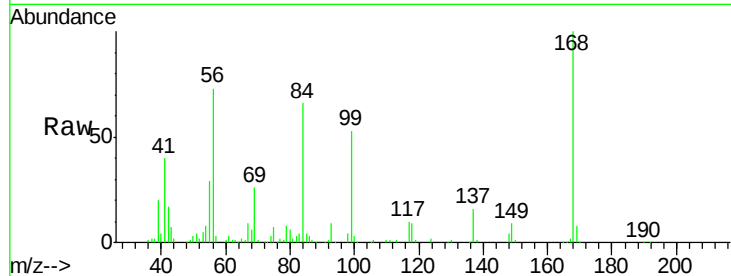
Ion 84.90 (84.60 to 85.60): VN0





#31
Cyclohexane
Concen: 31.44 ug/l
RT: 7.66 min Scan# 1887
Delta R.T. 0.00 min
Lab File: VN050033.D
Acq: 24 Jul 2018 20:28

Tot Ion	56	Resp	231303
Ion Ratio	100		
Lower	26.2		
Upper	39.4		
56	100		
69	34.8		
84	88.3		

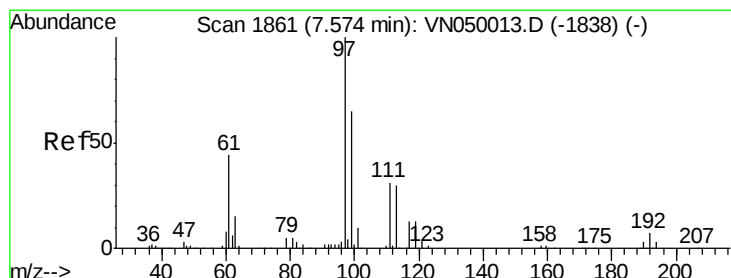
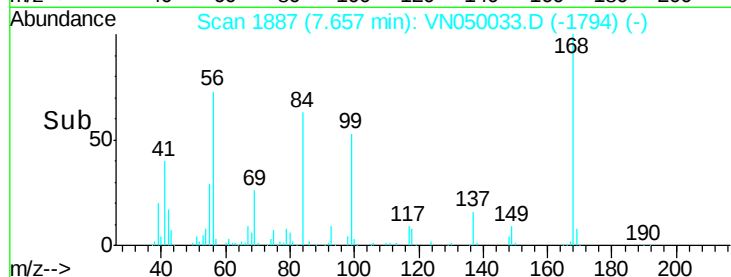
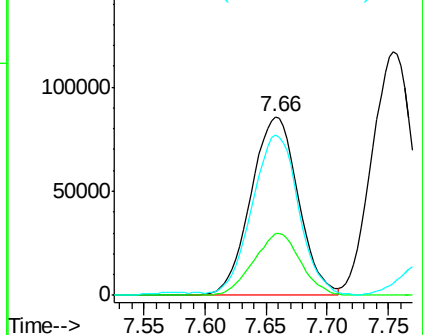


Abundance

Ion 56.00 (55.70 to 56.70): VN0

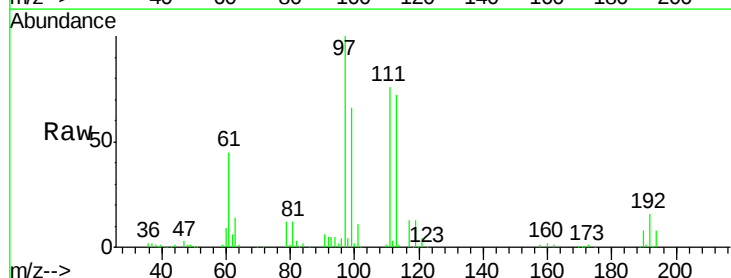
Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32
1,1,1-Trichloroethane
Concen: 31.69 ug/l
RT: 7.57 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VN050033.D
Acq: 24 Jul 2018 20:28

Tgt Ion	97	Resp	245152
Ion Ratio	100		
Lower	51.4		
Upper	77.0		
97	100		
99	64.9		
61	44.7		

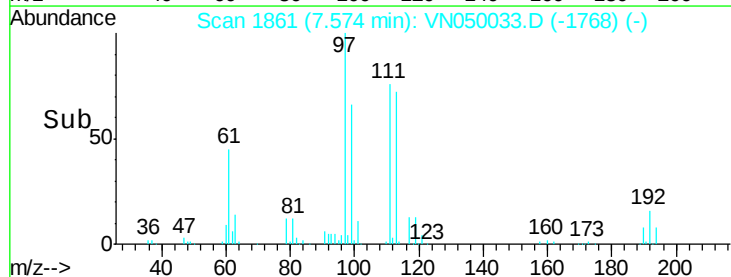
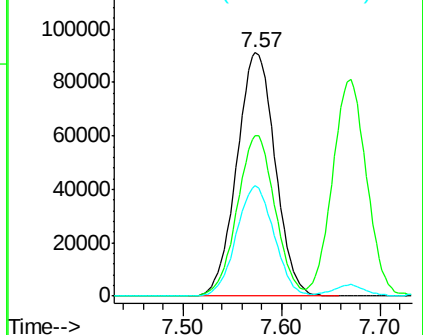


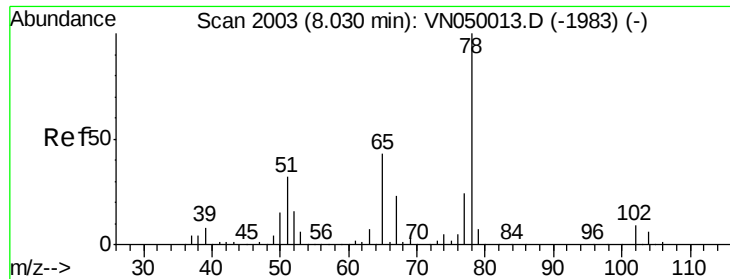
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 79.61 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050033.D

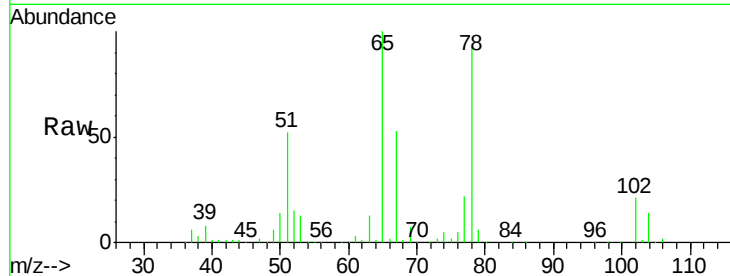
Acq: 24 Jul 2018 20:28

Tot Ion: 65 Resp: 424884

Ion Ratio Lower Upper

65 100

67 53.7 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN050033.D (-1983) (-)

Ion 66.90 (66.60 to 67.60): VN050033.D (-1983) (-)

8.03

200000

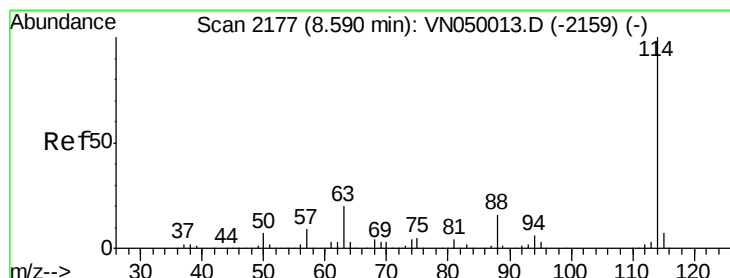
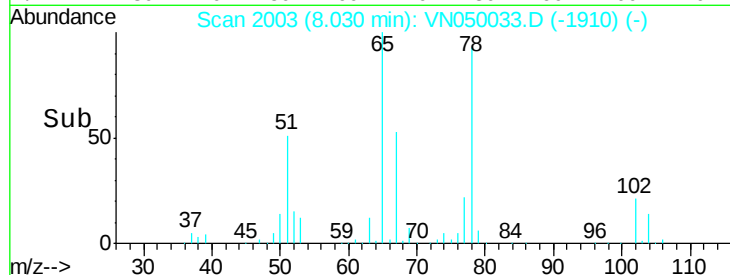
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050033.D

Acq: 24 Jul 2018 20:28

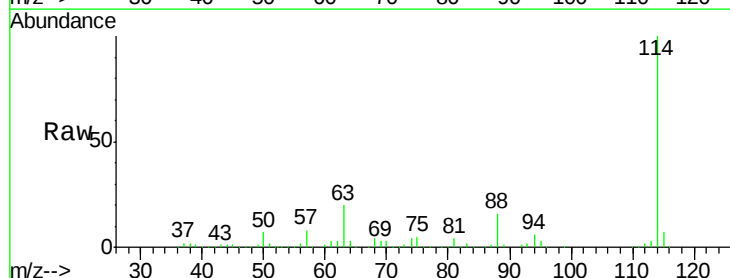
Tgt Ion: 114 Resp: 581970

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.0

88 15.5 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): VN050033.D (-2159) (-)

Ion 63.00 (62.70 to 63.70): VN050033.D (-2159) (-)

Ion 87.90 (87.60 to 88.60): VN050033.D (-2159) (-)

8.59

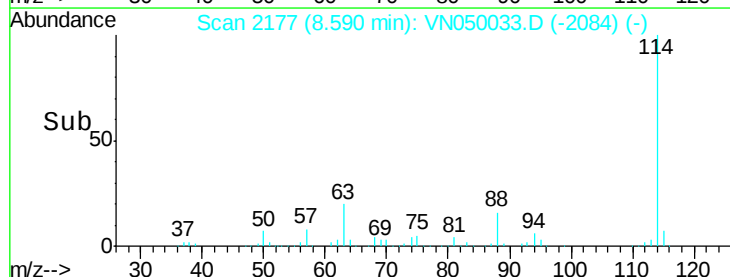
300000

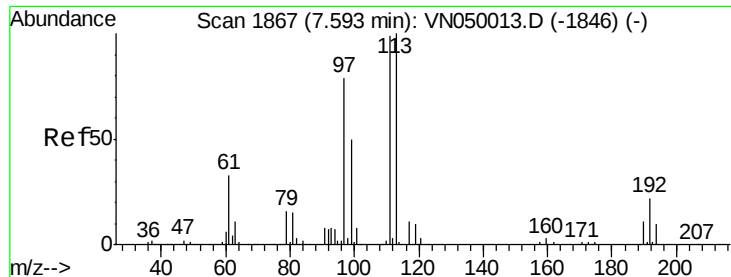
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 77.86 ug/l

RT: 7.60 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VN050033.D

Acq: 24 Jul 2018 20:28

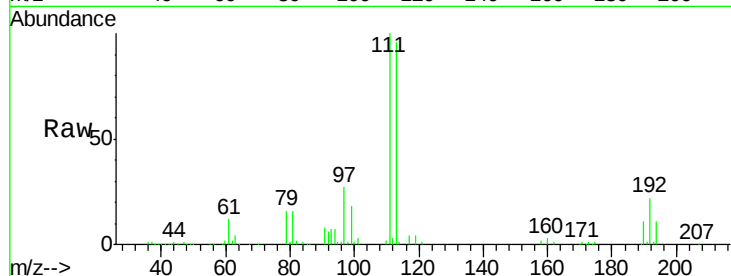
Tot Ion:113 Resp: 369981

Ion	Ratio	Lower	Upper
113	100		
111	104.1	80.7	121.1
192	22.4	17.8	26.6

113 100

111 104.1 80.7 121.1

192 22.4 17.8 26.6

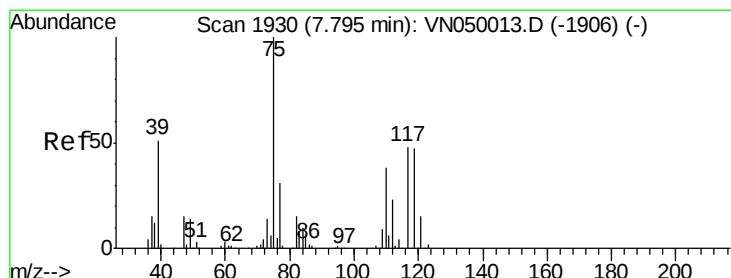
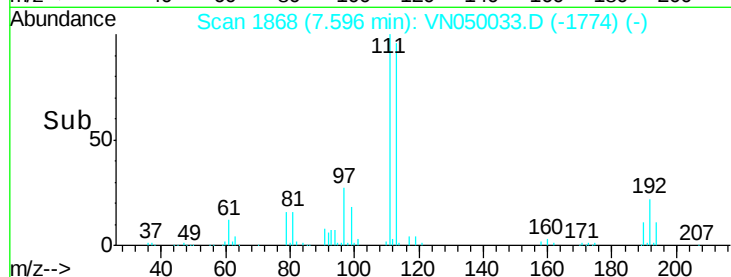
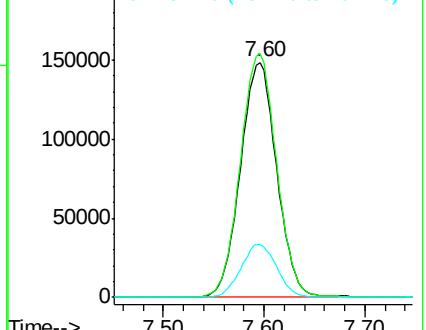


Abundance

Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 31.36 ug/l

RT: 7.80 min Scan# 1930

Delta R.T. 0.00 min

Lab File: VN050033.D

Acq: 24 Jul 2018 20:28

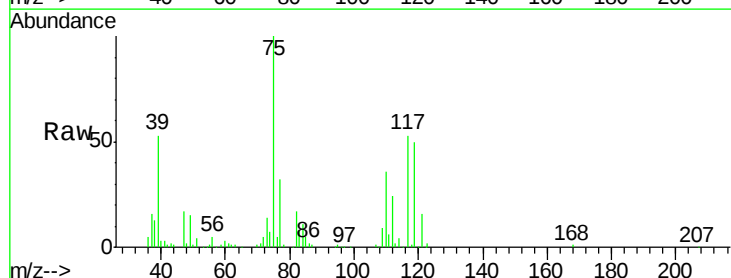
Tgt Ion: 75 Resp: 205623

Ion	Ratio	Lower	Upper
75	100		
110	37.0	18.4	55.2
77	31.4	25.3	37.9

75 100

110 37.0 18.4 55.2

77 31.4 25.3 37.9

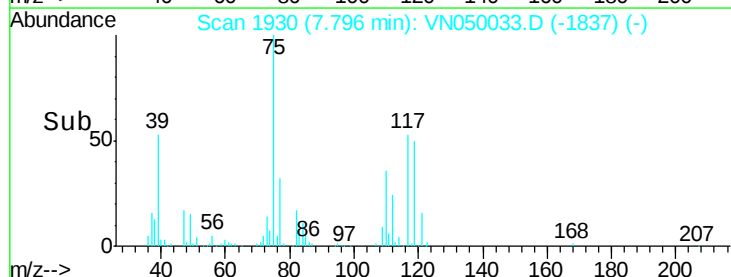
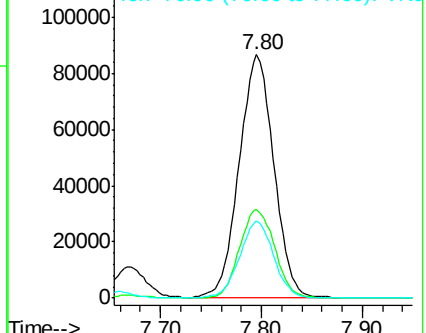


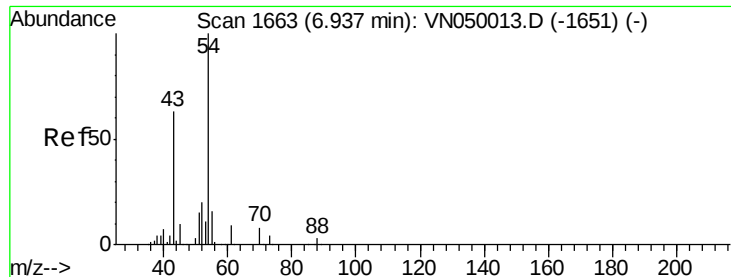
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

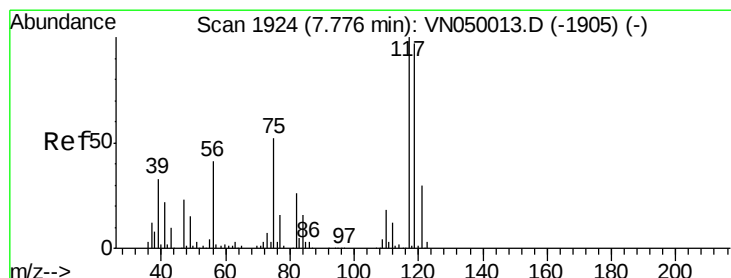
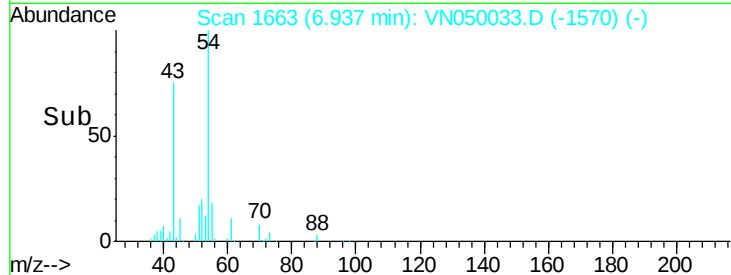
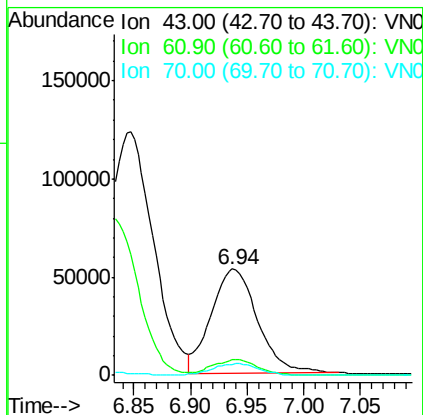
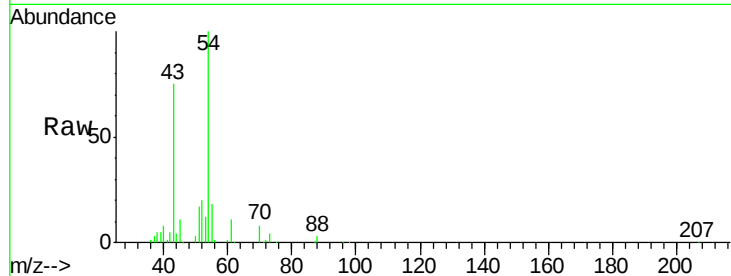
Ion 76.90 (76.60 to 77.60): V





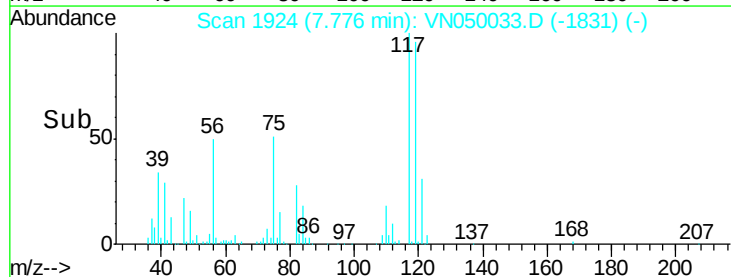
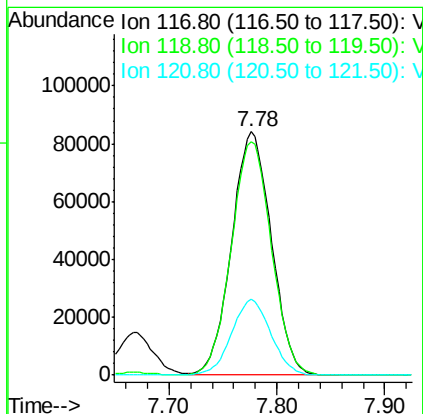
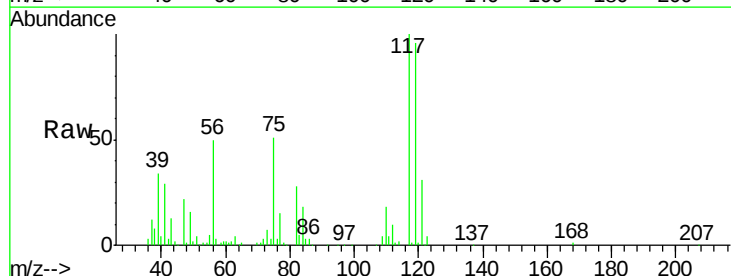
#37
Ethyl Acetate
Concen: 33.35 ug/l
RT: 6.94 min Scan# 1663
Delta R.T. 0.00 min
Lab File: VN050033.D
Acq: 24 Jul 2018 20:28

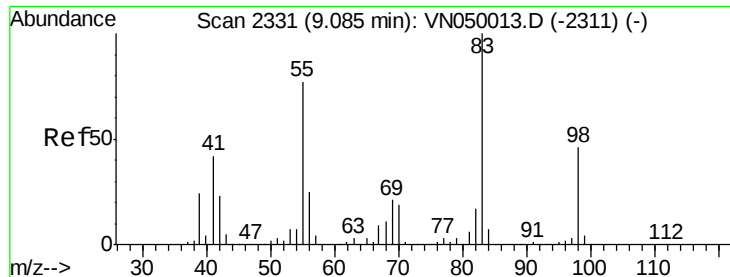
Tot Ion: 43 Resp: 152461
Ion Ratio Lower Upper
43 100
61 14.2 11.8 17.8
70 10.4 8.4 12.6



#38
Carbon Tetrachloride
Concen: 30.96 ug/l
RT: 7.78 min Scan# 1924
Delta R.T. 0.00 min
Lab File: VN050033.D
Acq: 24 Jul 2018 20:28

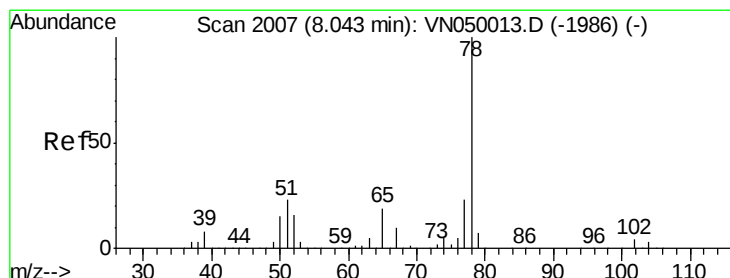
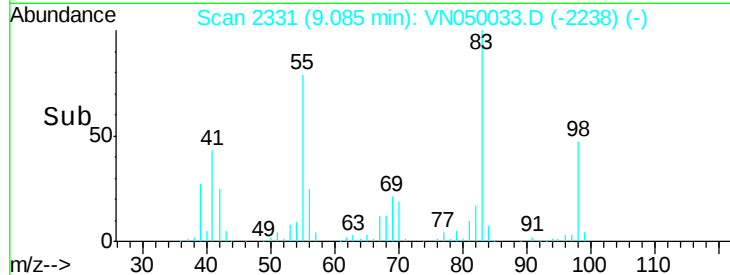
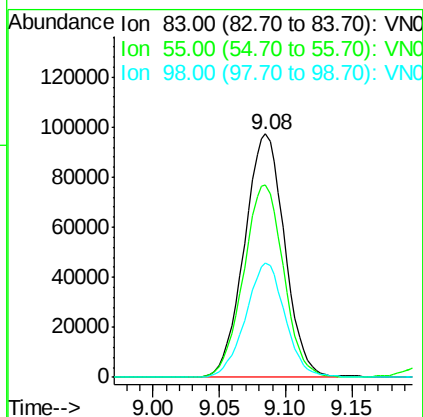
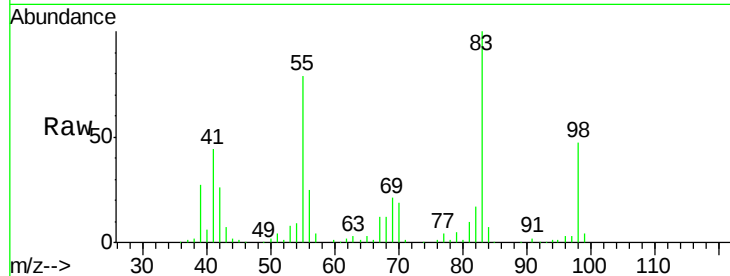
Tgt Ion: 117 Resp: 215402
Ion Ratio Lower Upper
117 100
119 95.8 77.4 116.0
121 31.1 23.9 35.9





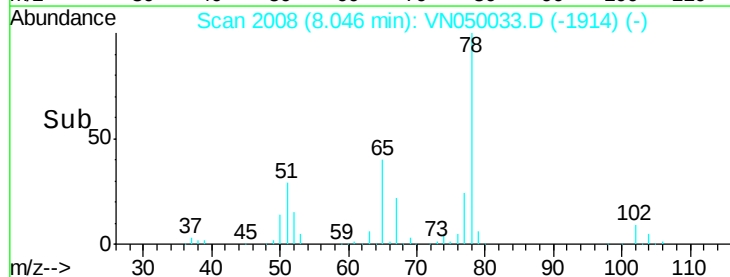
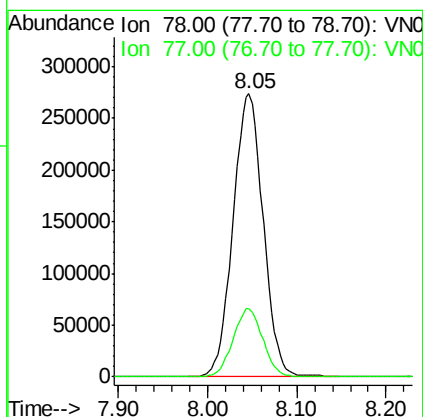
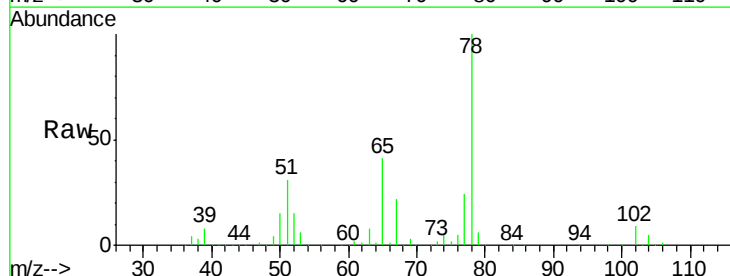
#39
Methvlcvclohexane
Concen: 30.49 ug/l
RT: 9.08 min Scan# 2331
Delta R.T. 0.00 min
Lab File: VN050033.D
Acq: 24 Jul 2018 20:28

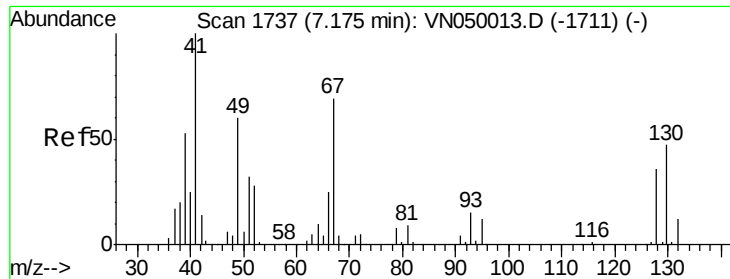
Tot Ion: 83 Resp: 205631
Ion Ratio Lower Upper
83 100
55 79.1 61.8 92.8
98 47.1 36.5 54.7



#40
Benzene
Concen: 32.17 ug/l
RT: 8.05 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VN050033.D
Acq: 24 Jul 2018 20:28

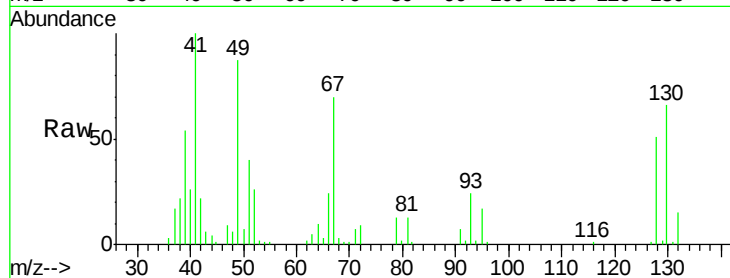
Tgt Ion: 78 Resp: 641937
Ion Ratio Lower Upper
78 100
77 24.2 18.7 28.1



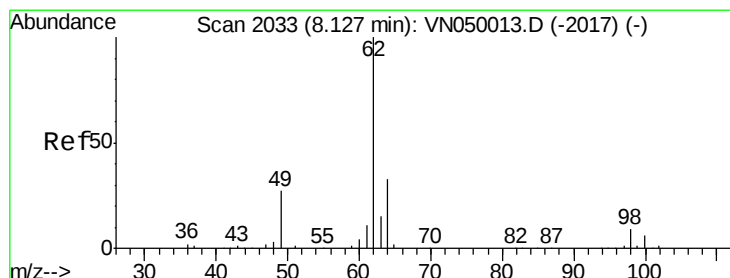
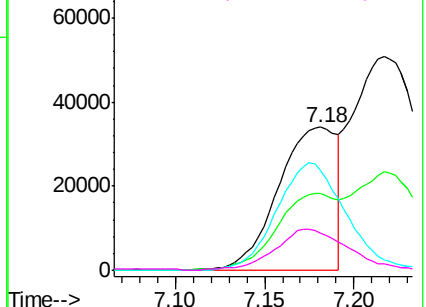
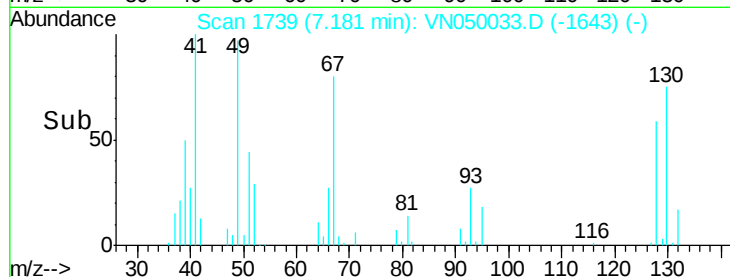


#41
Methacrylonitrile
Concen: 33.53 ug/l
RT: 7.18 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VN050033.D
Acq: 24 Jul 2018 20:28

Tot Ion: 41 Resp: 77556
Ion Ratio Lower Upper
41 100
39 54.3 55.8 83.6#
67 87.7 84.3 126.5
52 36.3 34.2 51.2

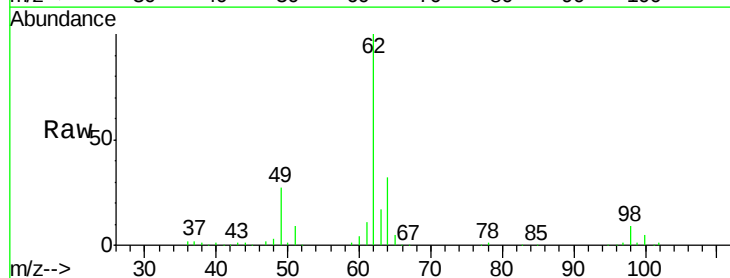


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

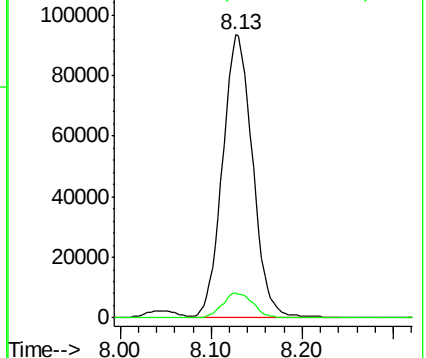
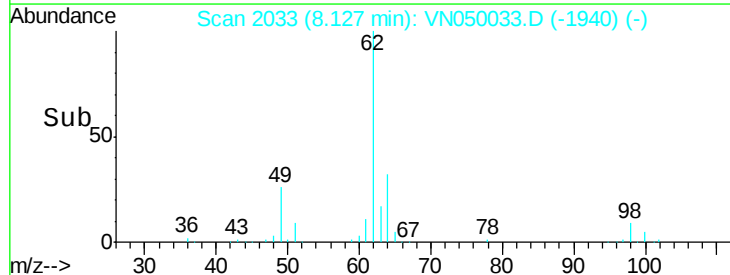


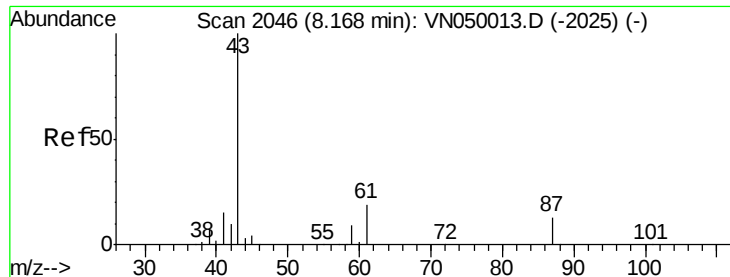
#42
1,2-Dichloroethane
Concen: 32.07 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN050033.D
Acq: 24 Jul 2018 20:28

Tgt Ion: 62 Resp: 213451
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.8



Abundance Ion 61.90 (61.60 to 62.60): VNC
Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 40.23 ug/l

RT: 8.17 min Scan# 2047

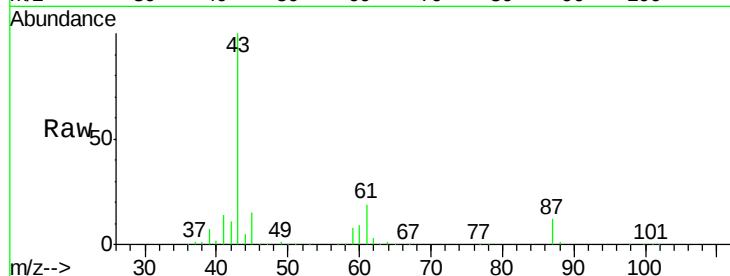
Delta R.T. 0.00 min

Lab File: VN050033.D

Acq: 24 Jul 2018 20:28

Tot Ion: 43 Resp: 348474

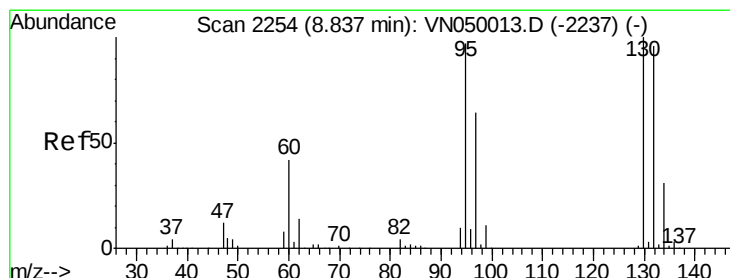
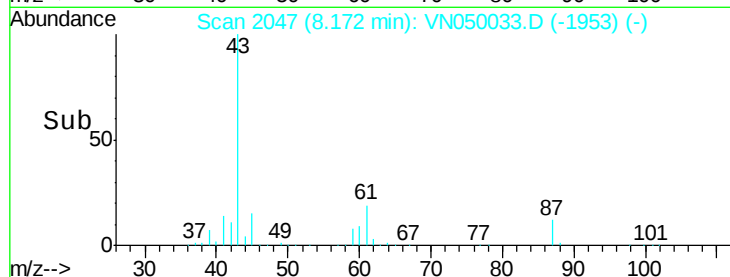
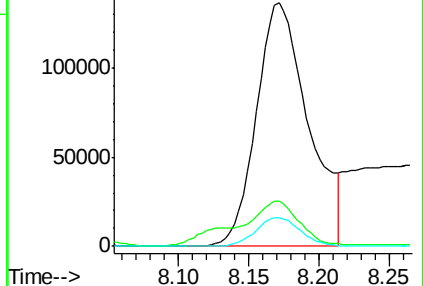
Ion	Ratio	Lower	Upper
43	100		
61	15.3	15.8	23.6#
87	10.3	10.3	15.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 30.98 ug/l

RT: 8.84 min Scan# 2254

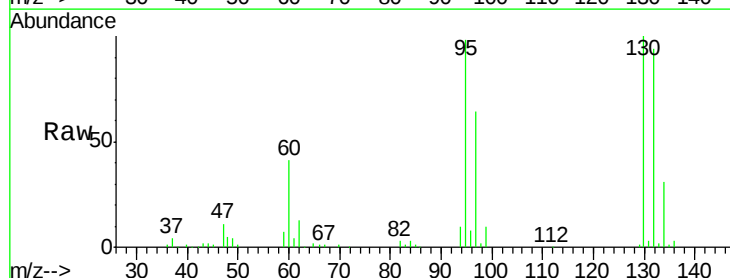
Delta R.T. 0.00 min

Lab File: VN050033.D

Acq: 24 Jul 2018 20:28

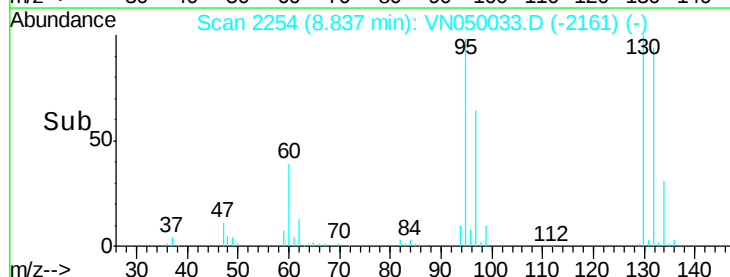
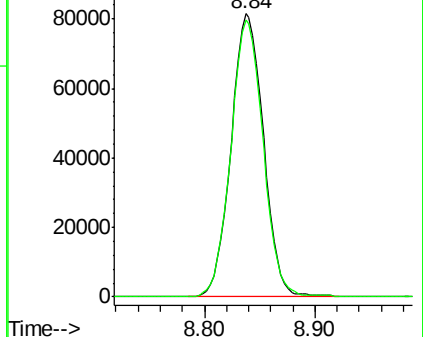
Tgt Ion: 130 Resp: 166088

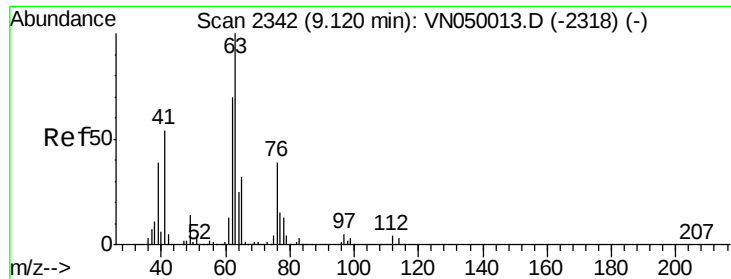
Ion	Ratio	Lower	Upper
130	100		
95	98.0	0.0	194.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 32.34 ug/l

RT: 9.12 min Scan# 2343

Delta R.T. 0.00 min

Lab File: VN050033.D

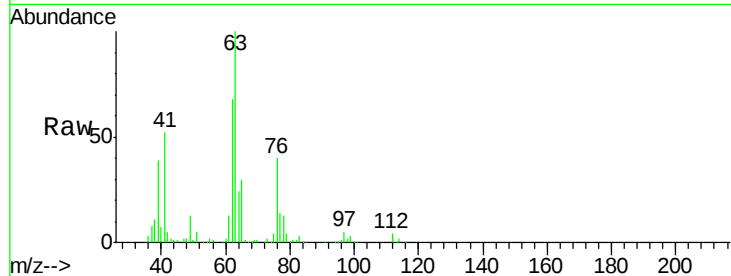
Acq: 24 Jul 2018 20:28

Tot Ion: 63 Resp: 170881

Ion Ratio Lower Upper

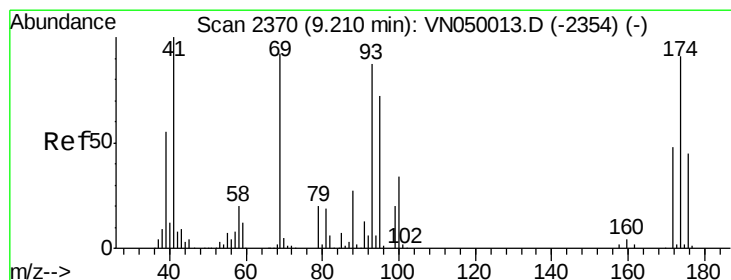
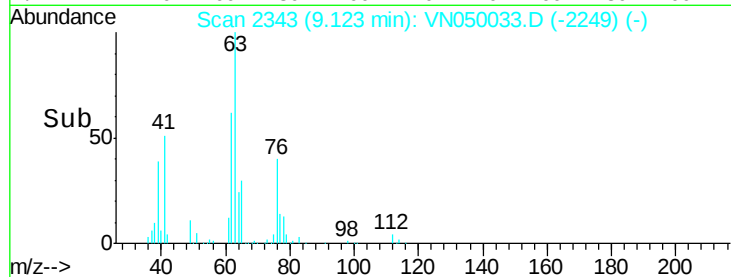
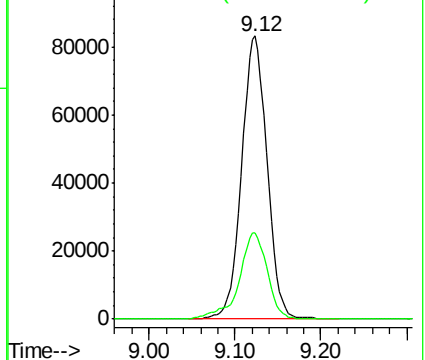
63 100

65 30.5 25.5 38.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 32.76 ug/l

RT: 9.21 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN050033.D

Acq: 24 Jul 2018 20:28

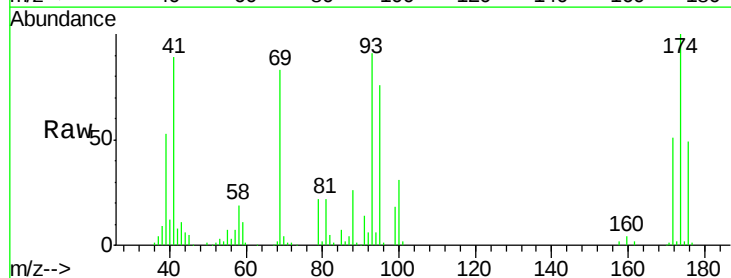
Tgt Ion: 93 Resp: 107497

Ion Ratio Lower Upper

93 100

95 83.0 66.6 100.0

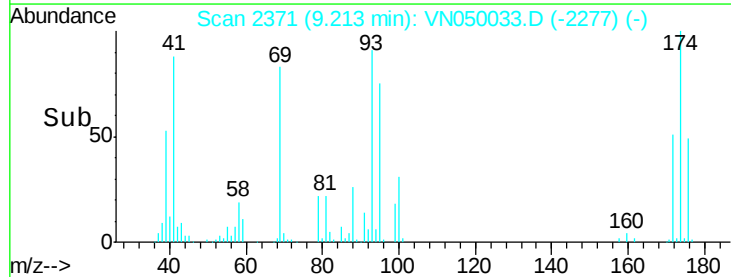
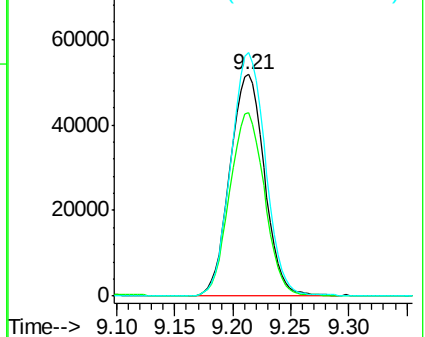
174 109.2 87.1 130.7

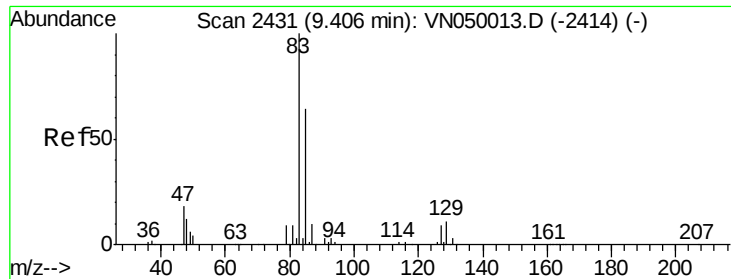


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 30.91 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN050033.D

Acq: 24 Jul 2018 20:28

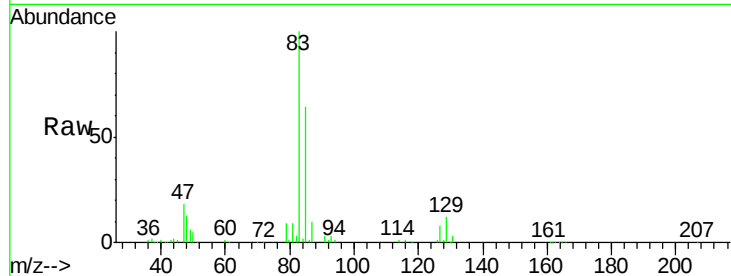
Tot Ion: 83 Resp: 214048

Ion Ratio Lower Upper

83 100

85 64.5 51.1 76.7

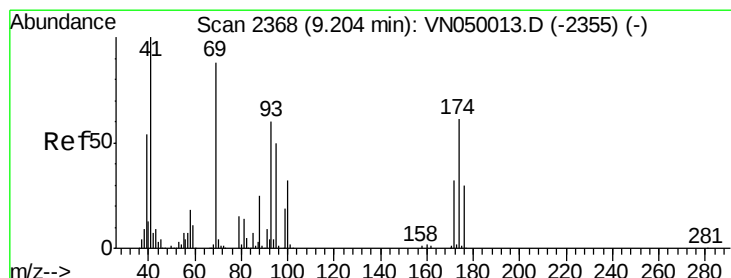
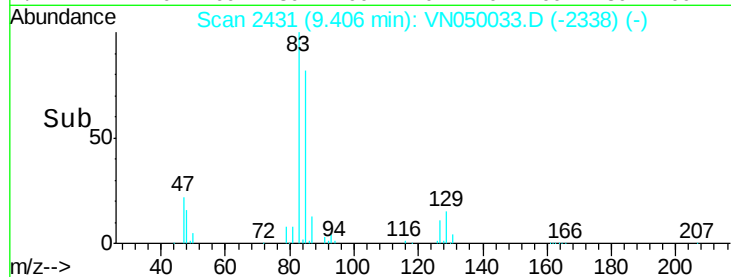
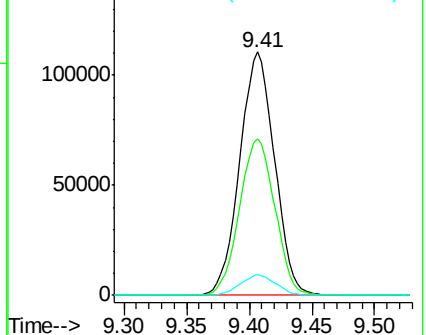
127 8.4 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VN050033.D (-2414) (-)

Ion 84.90 (84.60 to 85.60): VN050033.D (-2414) (-)

Ion 126.80 (126.50 to 127.50): VN050033.D (-2414) (-)



#48

Methyl methacrylate

Concen: 33.12 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN050033.D

Acq: 24 Jul 2018 20:28

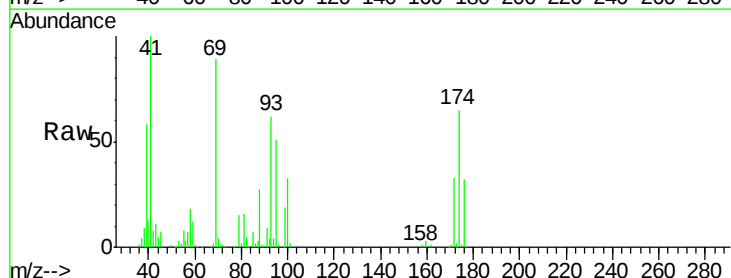
Tgt Ion: 41 Resp: 130394

Ion Ratio Lower Upper

41 100

69 91.4 70.6 105.8

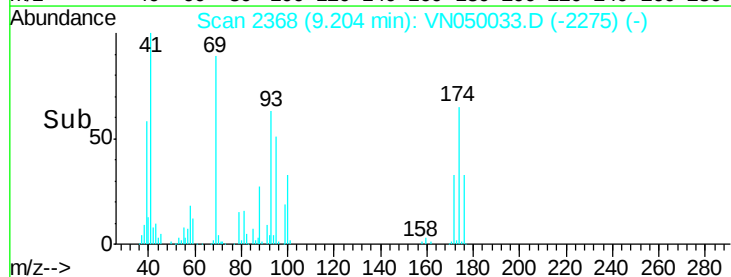
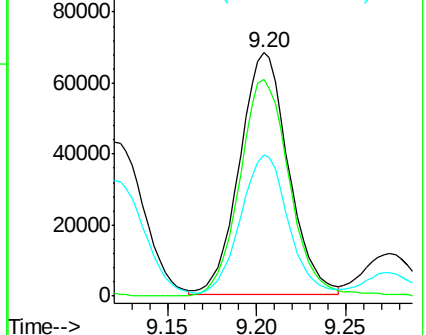
39 57.6 43.9 65.9

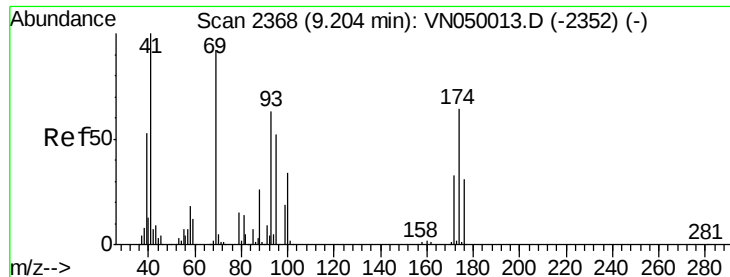


Abundance Ion 41.00 (40.70 to 41.70): VN050033.D (-2355) (-)

Ion 69.00 (68.70 to 69.70): VN050033.D (-2355) (-)

Ion 39.00 (38.70 to 39.70): VN050033.D (-2355) (-)





#49

1,4-Dioxane

Concen: 705.96 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN050033.D

Acq: 24 Jul 2018 20:28

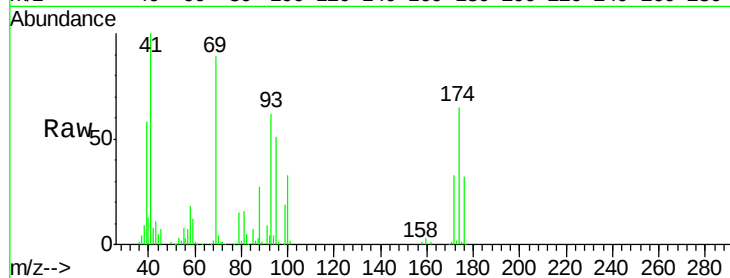
Tot Ion: 88 Resp: 37824

Ion Ratio Lower Upper

88 100

43 35.2 26.9 40.3

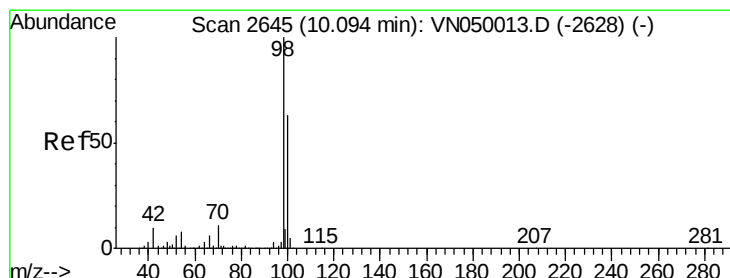
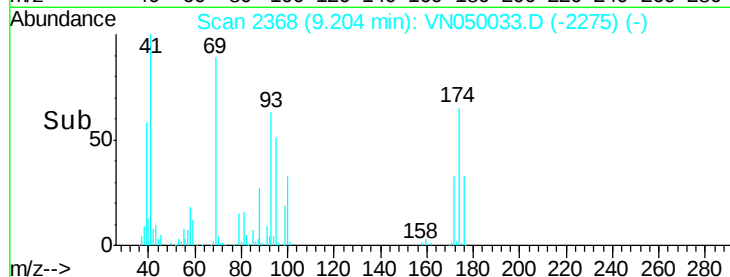
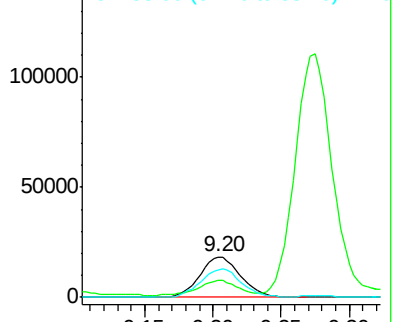
58 70.5 57.3 85.9



Abundance Ion 88.00 (87.70 to 88.70): VN050033.D (-2352) (-)

Ion 43.00 (42.70 to 43.70): VN050033.D (-2352) (-)

Ion 58.00 (57.70 to 58.70): VN050033.D (-2352) (-)



#50

Toluene-d8

Concen: 78.06 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050033.D

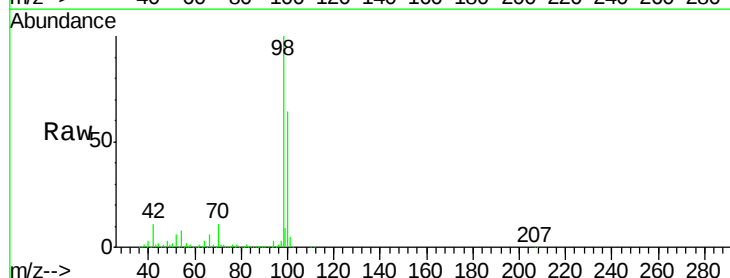
Acq: 24 Jul 2018 20:28

Tgt Ion: 98 Resp: 1363669

Ion Ratio Lower Upper

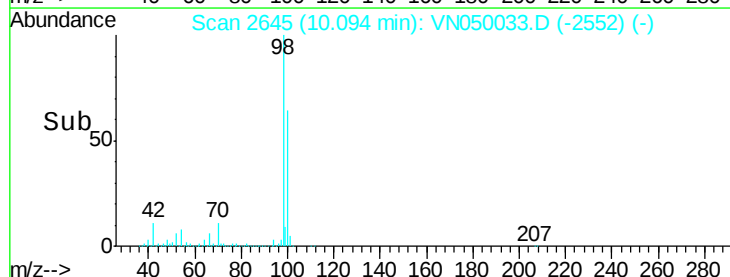
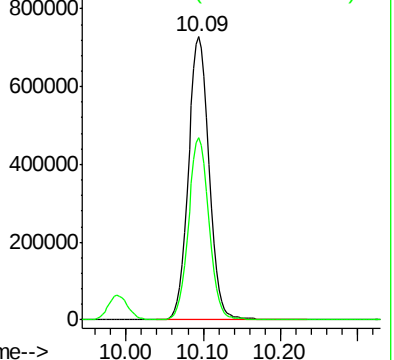
98 100

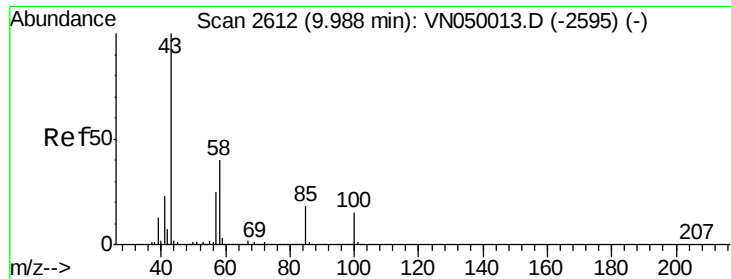
100 63.6 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN050033.D (-2628) (-)

Ion 100.00 (99.70 to 100.70): VN050033.D (-2628) (-)





#51

4-Methyl-2-Pentanone

Concen: 174.53 ug/l

RT: 9.99 min Scan# 2612

Delta R.T. 0.00 min

Lab File: VN050033.D

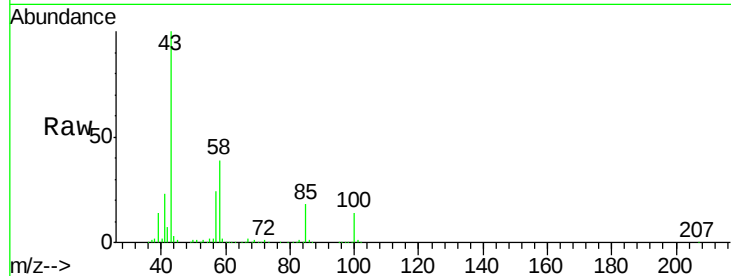
Acq: 24 Jul 2018 20:28

Tot Ion: 43 Resp: 784335

Ion Ratio Lower Upper

43 100

58 38.8 31.9 47.9



Abundance Ion 43.00 (42.70 to 43.70): VN0500033.D (-2595) (-)

Ion 58.00 (57.70 to 58.70): VN0500033.D (-2595) (-)

9.99

400000

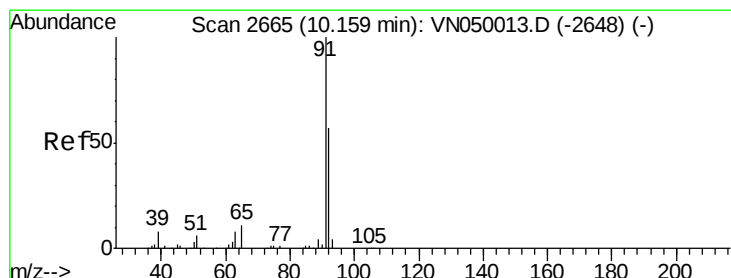
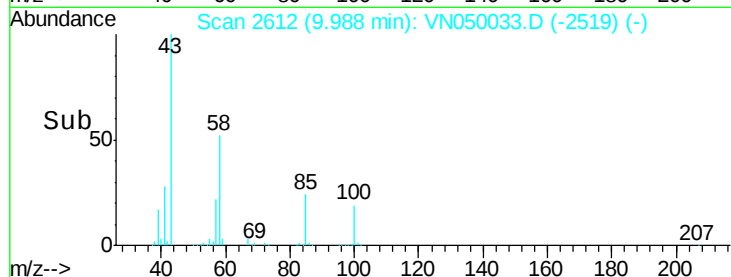
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 33.25 ug/l

RT: 10.16 min Scan# 2665

Delta R.T. 0.00 min

Lab File: VN050033.D

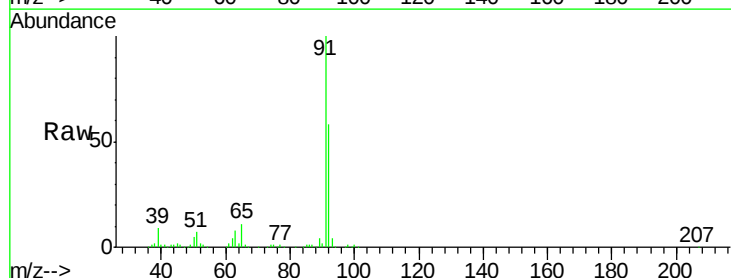
Acq: 24 Jul 2018 20:28

Tgt Ion: 92 Resp: 391574

Ion Ratio Lower Upper

92 100

91 175.1 140.3 210.5



Abundance Ion 92.00 (91.70 to 92.70): VN0500033.D (-2648) (-)

Ion 91.00 (90.70 to 91.70): VN0500033.D (-2648) (-)

10.16

400000

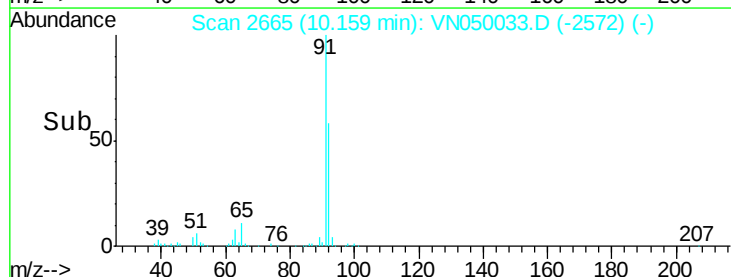
300000

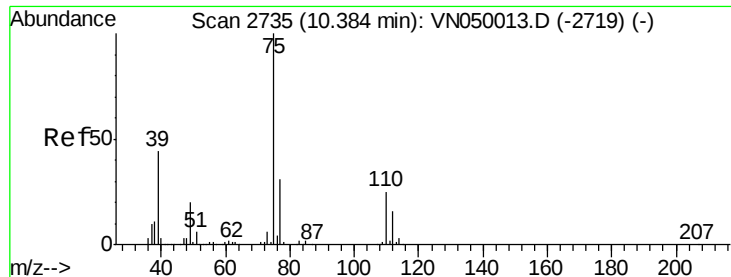
200000

100000

0

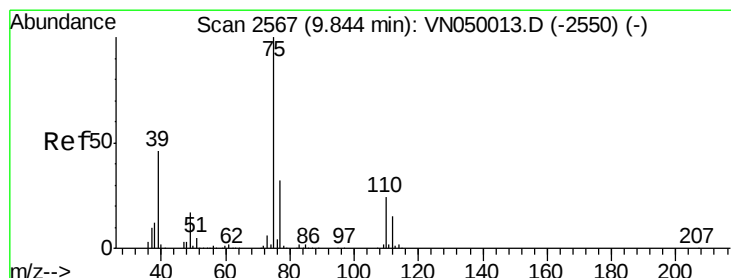
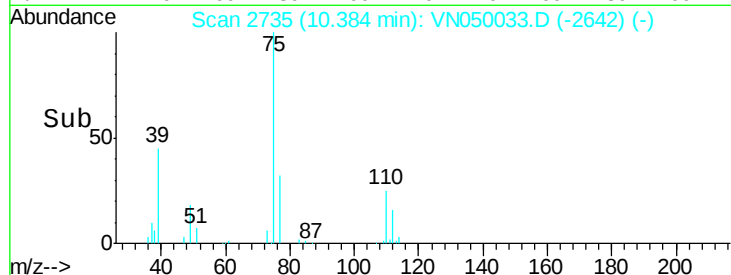
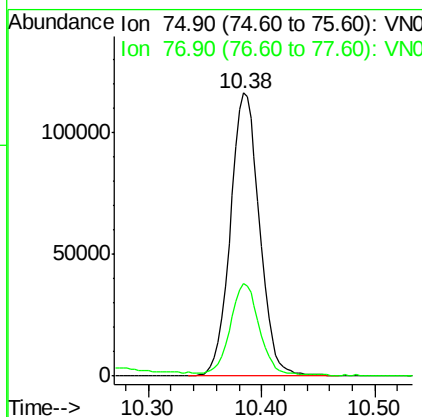
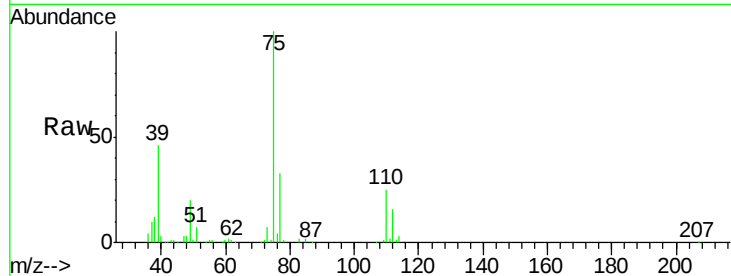
Time-->





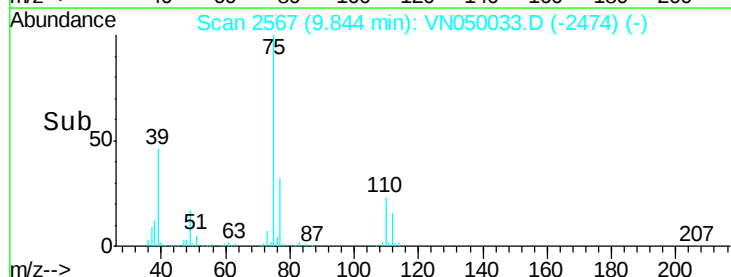
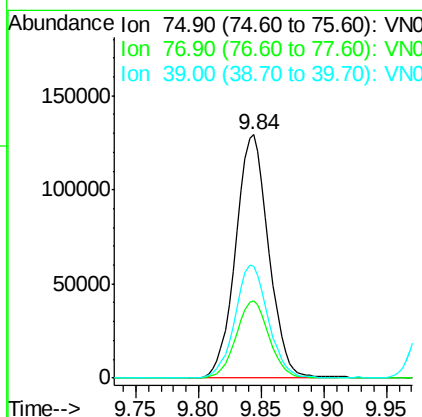
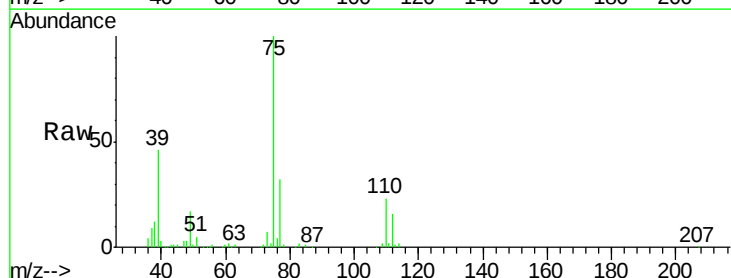
#53
 t-1,3-Dichloropropene
 Concen: 31.97 ug/l
 RT: 10.38 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN050033.D
 Acq: 24 Jul 2018 20:28

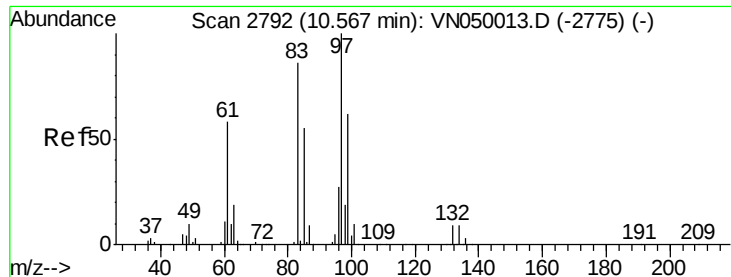
Tot Ion: 75 Resp: 208917
 Ion Ratio Lower Upper
 75 100
 77 32.3 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 31.66 ug/l
 RT: 9.84 min Scan# 2567
 Delta R.T. 0.00 min
 Lab File: VN050033.D
 Acq: 24 Jul 2018 20:28

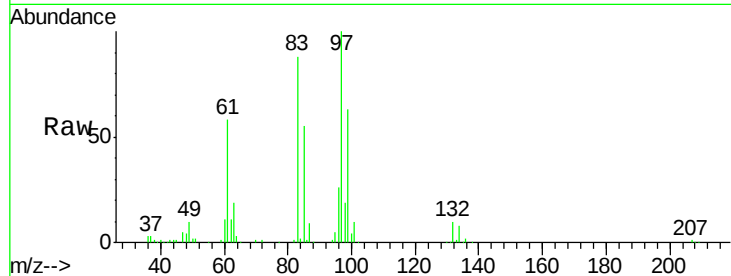
Tgt Ion: 75 Resp: 236453
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.5 38.3
 39 45.9 36.6 55.0



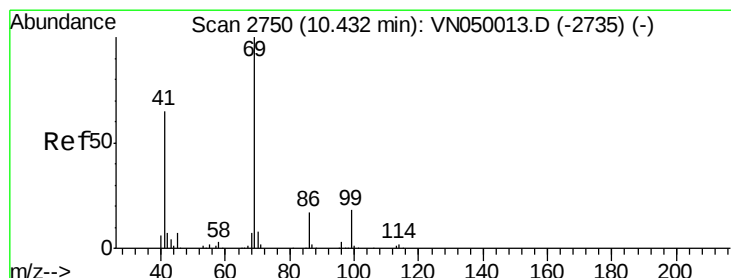
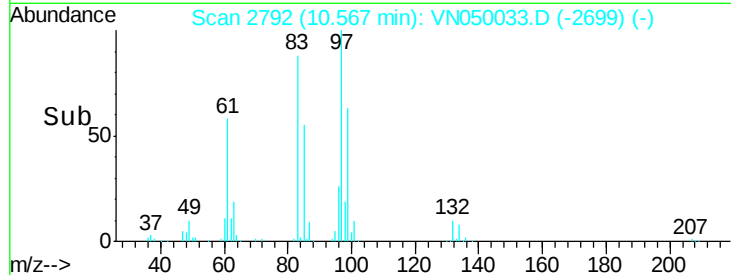
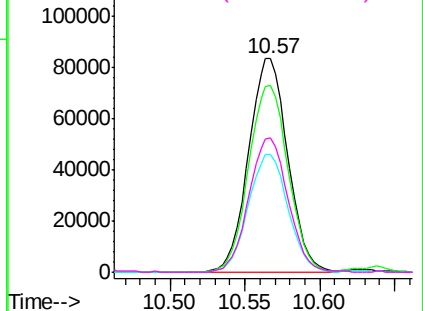


#55
 1,1,2-Trichloroethane
 Concen: 32.57 ug/l
 RT: 10.57 min Scan# 2792
 Delta R.T. 0.00 min
 Lab File: VN050033.D
 Acq: 24 Jul 2018 20:28

Tot Ion:	97	Resp:	152155
Ion	Ratio	Lower	Upper
97	100		
83	87.7	69.2	103.8
85	55.3	44.0	66.0
99	62.8	49.9	74.9

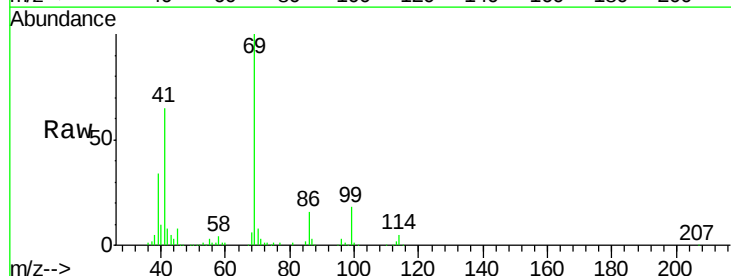


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

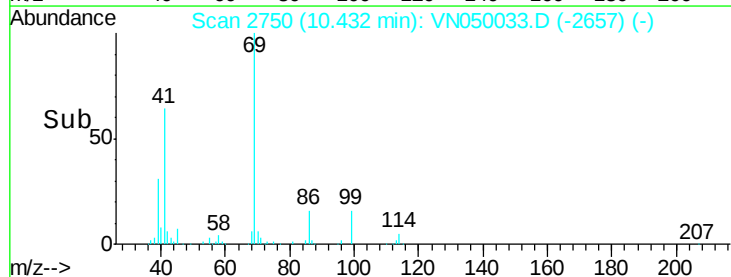
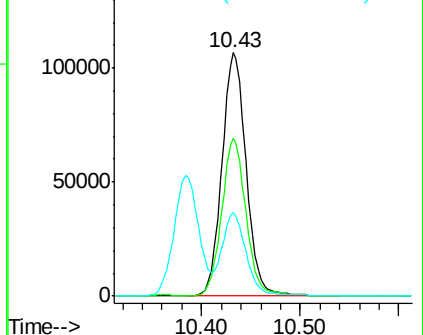


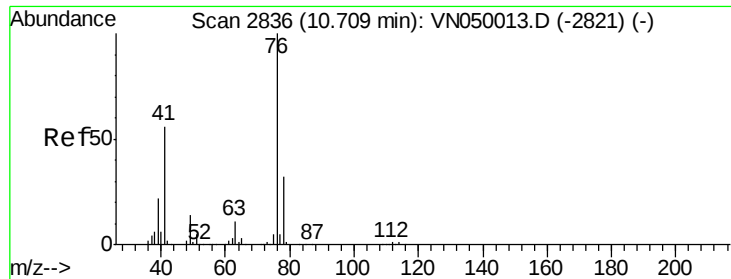
#56
 Ethyl methacrylate
 Concen: 30.02 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN050033.D
 Acq: 24 Jul 2018 20:28

Tgt Ion:	69	Resp:	184646
Ion	Ratio	Lower	Upper
69	100		
41	63.3	51.0	76.4
39	33.5	26.6	40.0



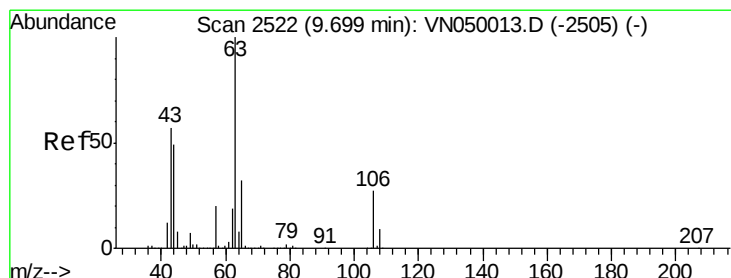
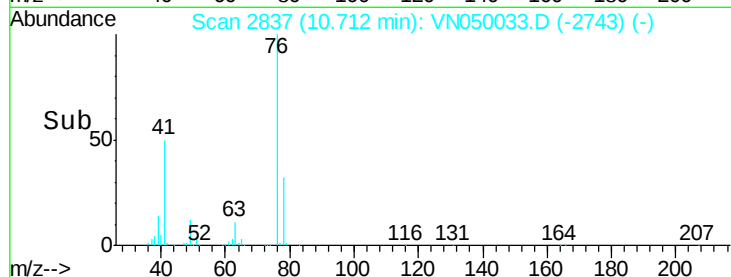
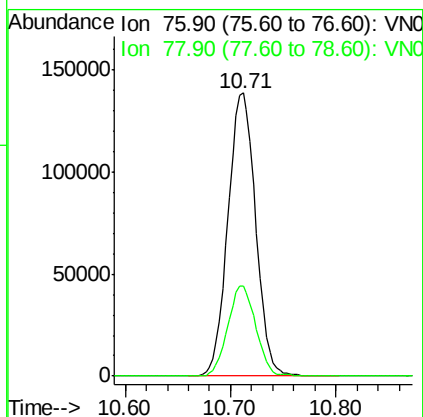
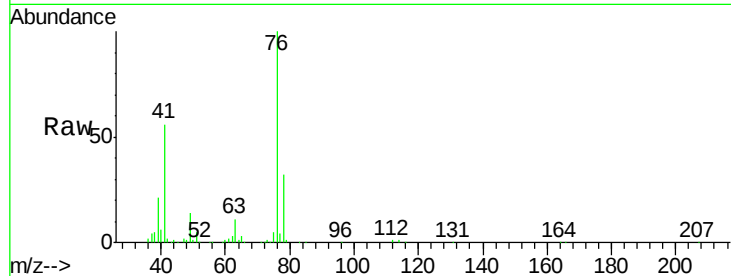
Abundance Ion 69.00 (68.70 to 69.70): VN0
 Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0





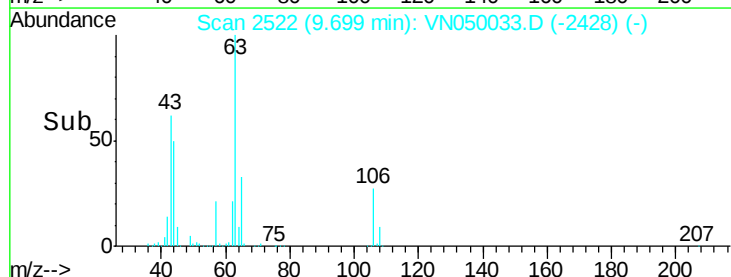
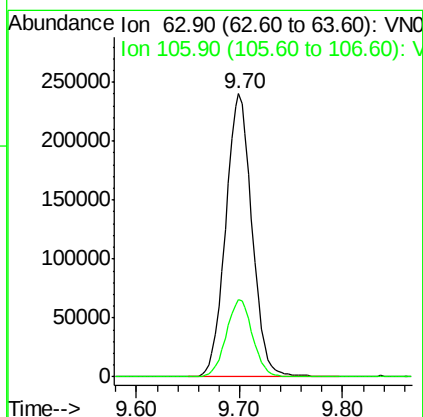
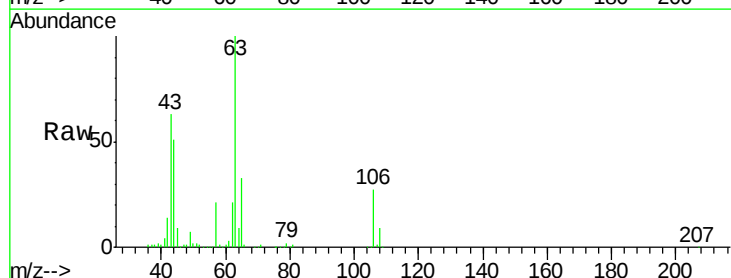
#57
 1,3-Dichloropropane
 Concen: 33.14 ug/l
 RT: 10.71 min Scan# 2837
 Delta R.T. 0.00 min
 Lab File: VN050033.D
 Acq: 24 Jul 2018 20:28

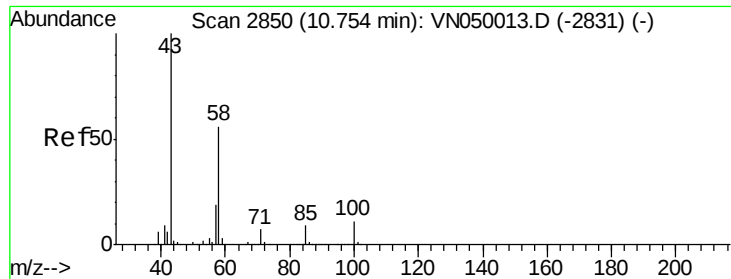
Tot Ion: 76 Resp: 252117
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 148.47 ug/l
 RT: 9.70 min Scan# 2522
 Delta R.T. 0.00 min
 Lab File: VN050033.D
 Acq: 24 Jul 2018 20:28

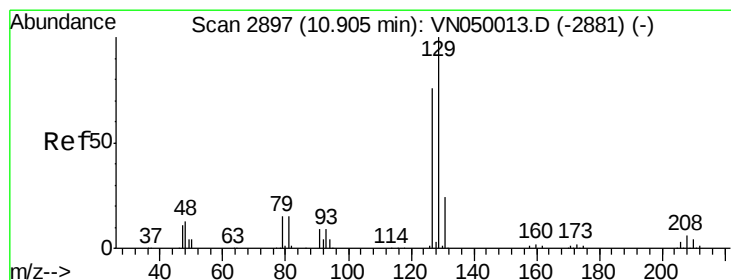
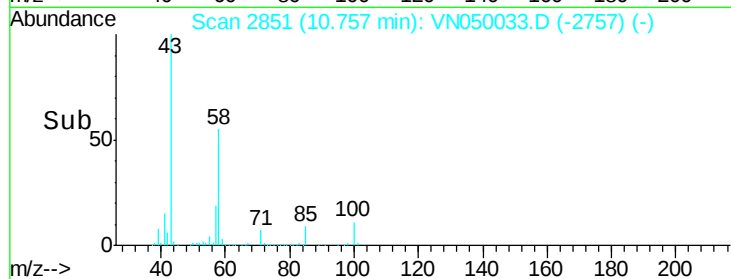
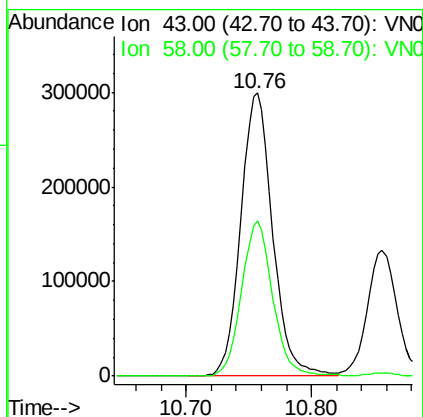
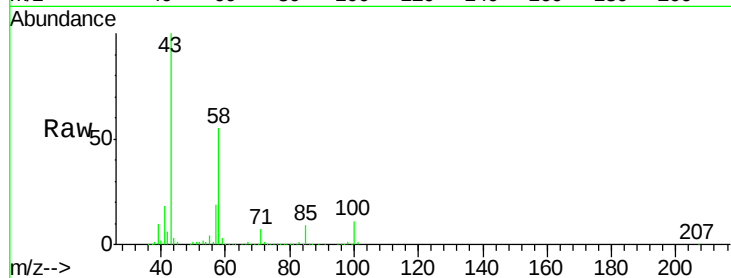
Tgt Ion: 63 Resp: 428333
 Ion Ratio Lower Upper
 63 100
 106 27.4 21.7 32.5





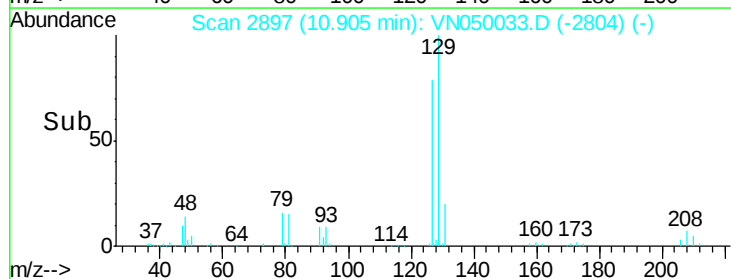
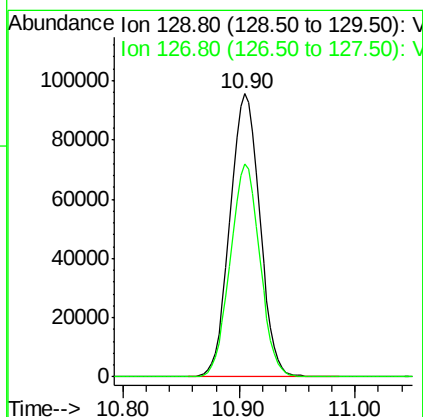
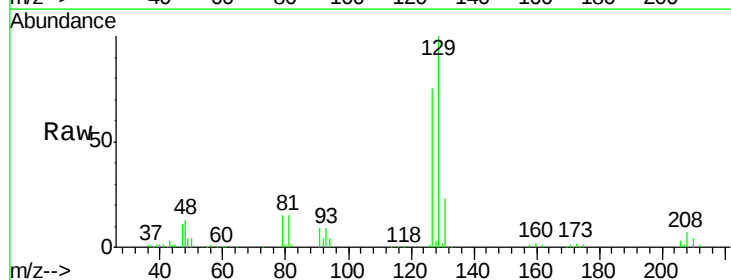
#59
2-Hexanone
Concen: 161.23 ug/l
RT: 10.76 min Scan# 2851
Delta R.T. 0.00 min
Lab File: VN050033.D
Acq: 24 Jul 2018 20:28

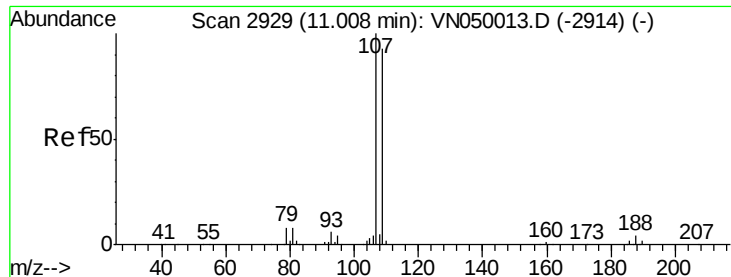
Tot Ion: 43 Resp: 526219
Ion Ratio Lower Upper
43 100
58 54.1 27.6 82.7



#60
Dibromochloromethane
Concen: 32.88 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN050033.D
Acq: 24 Jul 2018 20:28

Tgt Ion: 129 Resp: 170032
Ion Ratio Lower Upper
129 100
127 74.7 38.0 113.9





#61

1,2-Dibromoethane

Concen: 32.04 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VN050033.D

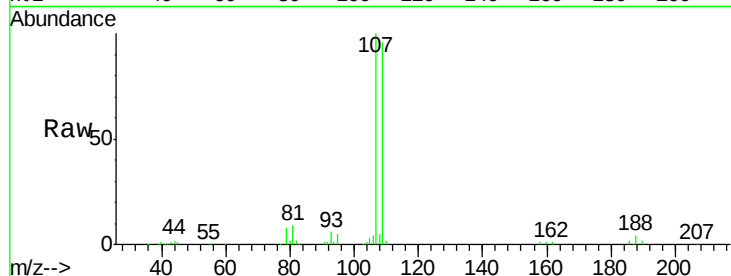
Acq: 24 Jul 2018 20:28

Tot Ion: 107 Resp: 148501

Ion Ratio Lower Upper

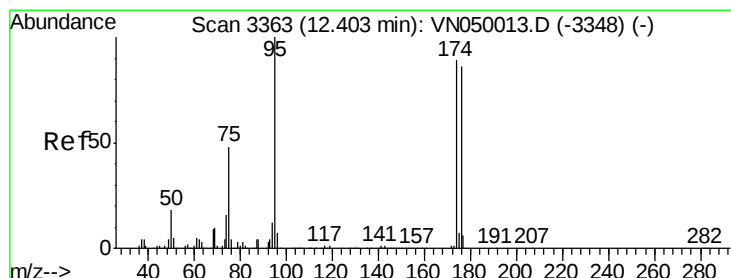
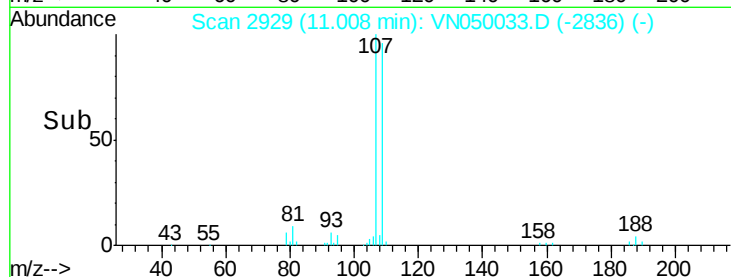
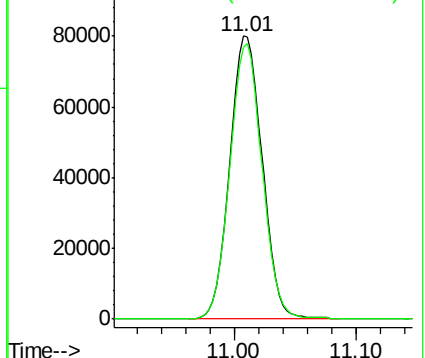
107 100

109 96.4 74.6 112.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 77.31 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050033.D

Acq: 24 Jul 2018 20:28

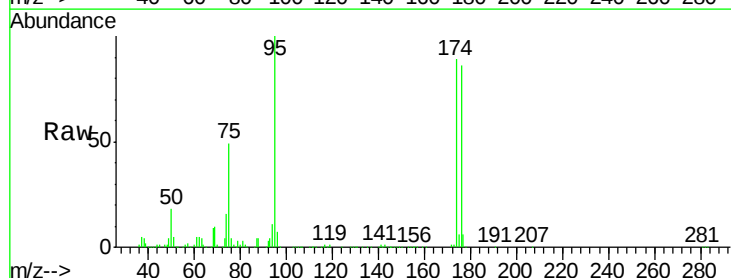
Tgt Ion: 95 Resp: 444667

Ion Ratio Lower Upper

95 100

174 89.5 0.0 178.2

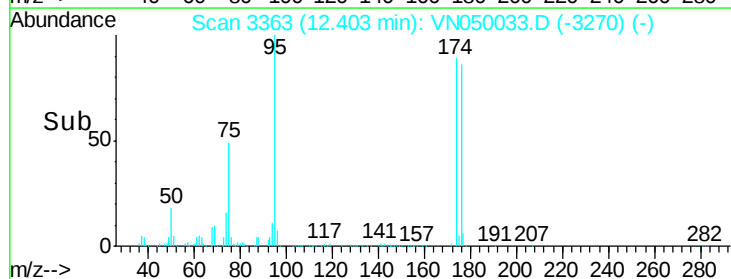
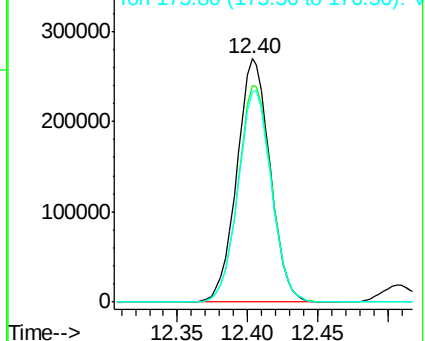
176 87.3 0.0 173.4

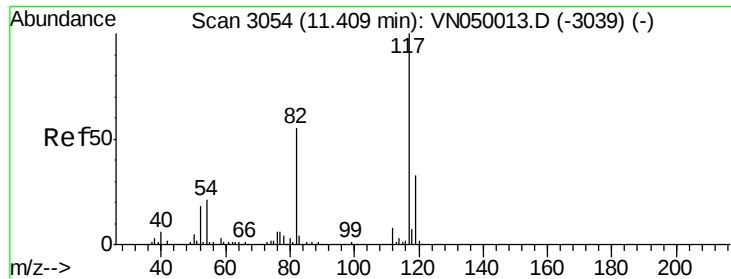


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

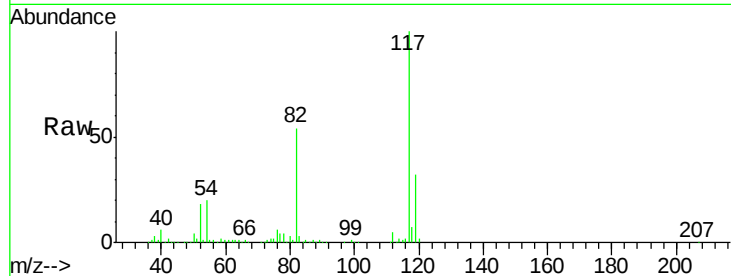
Ion 175.80 (175.50 to 176.50): V



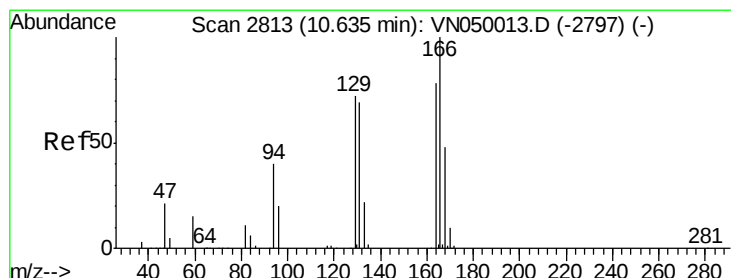
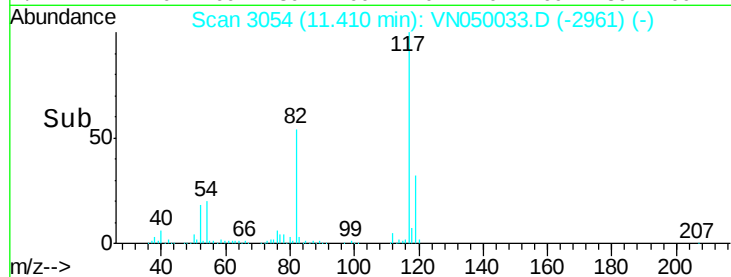
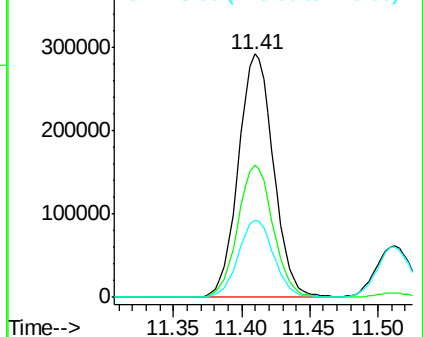


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050033.D
Acq: 24 Jul 2018 20:28

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.7	65.5
119	32.0	26.1	39.1

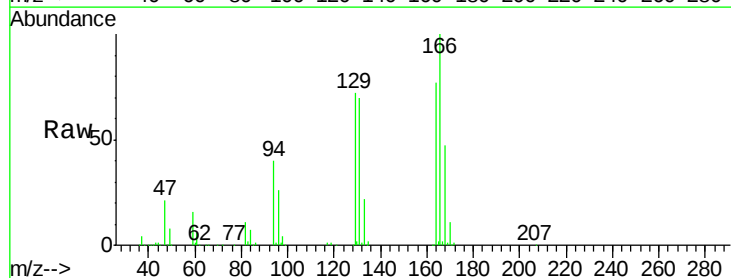


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

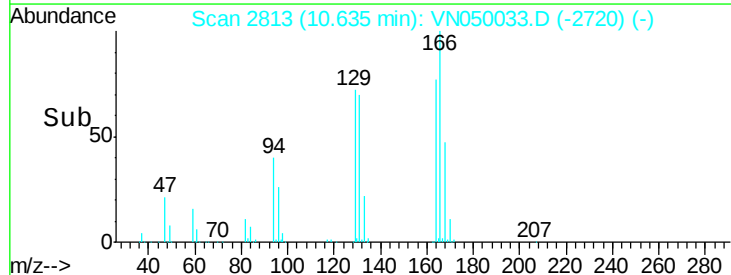
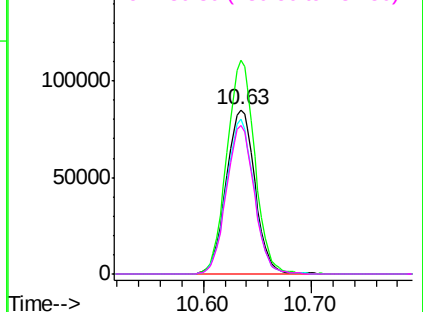


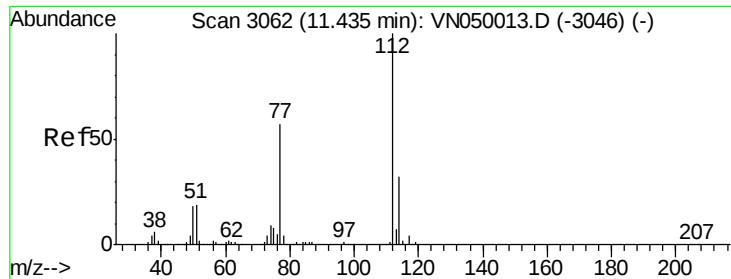
#64
Tetrachloroethene
Concen: 31.48 ug/l
RT: 10.63 min Scan# 2813
Delta R.T. 0.00 min
Lab File: VN050033.D
Acq: 24 Jul 2018 20:28

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.0	102.1	153.1
129	94.0	73.2	109.8
131	90.5	70.6	106.0



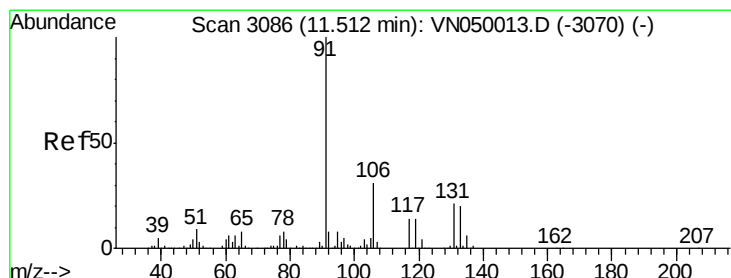
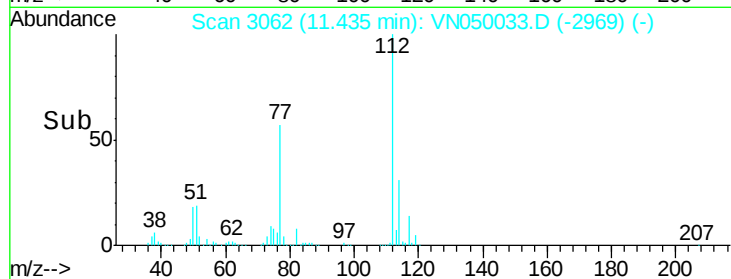
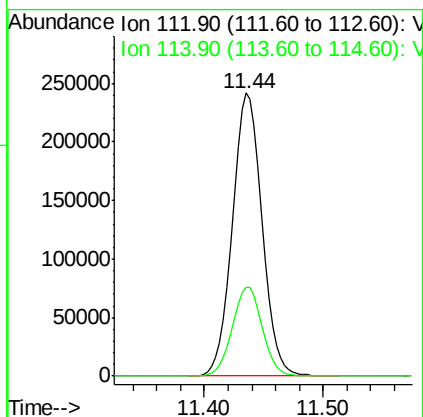
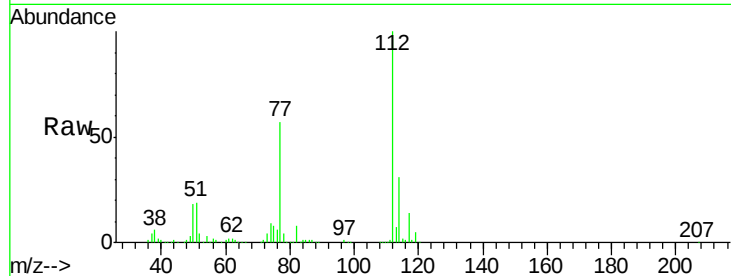
Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





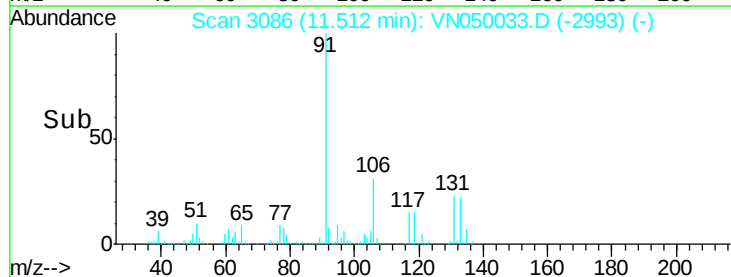
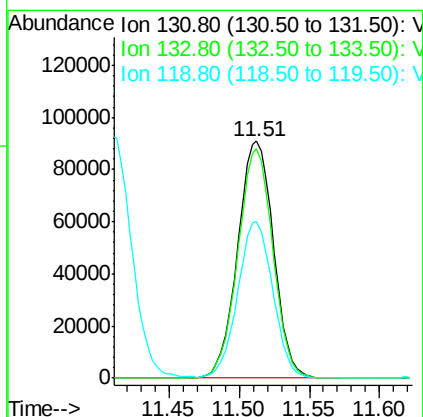
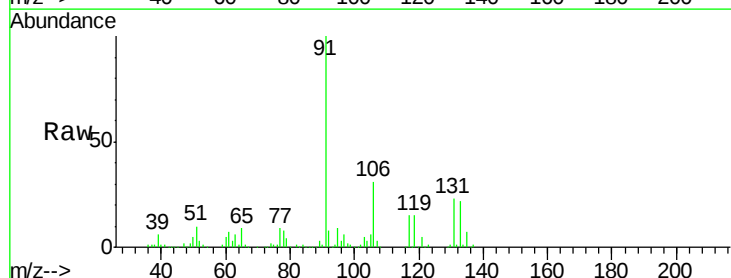
#65
Chlorobenzene
Concen: 31.67 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN050033.D
Acq: 24 Jul 2018 20:28

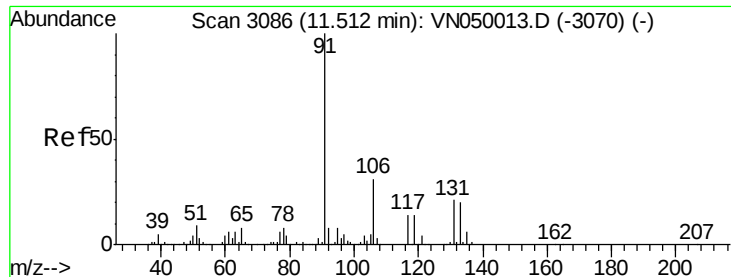
Tot Ion:112 Resp: 417074
Ion Ratio Lower Upper
112 100
114 31.5 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 31.97 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050033.D
Acq: 24 Jul 2018 20:28

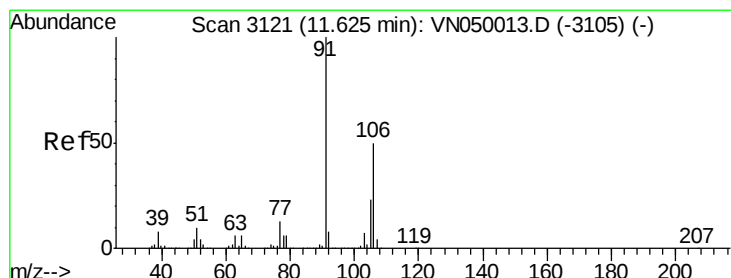
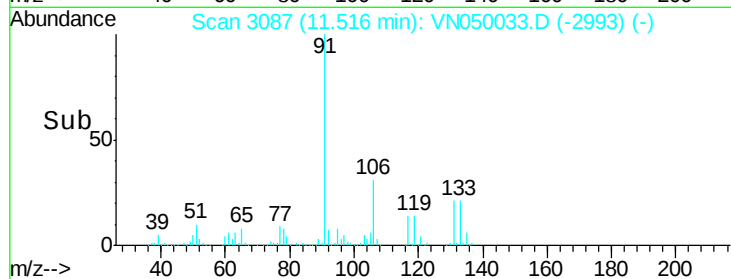
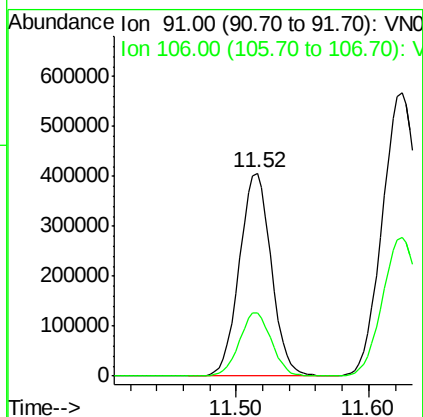
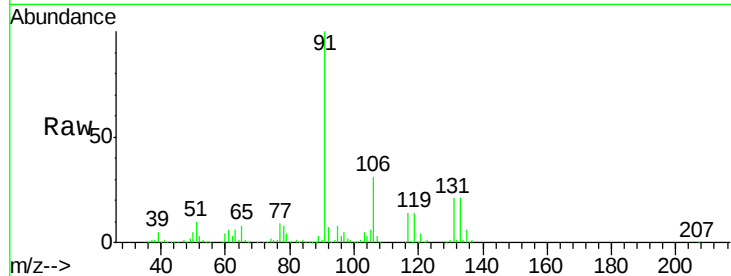
Tgt Ion:131 Resp: 161781
Ion Ratio Lower Upper
131 100
133 94.6 47.3 141.9
119 64.9 32.9 98.7





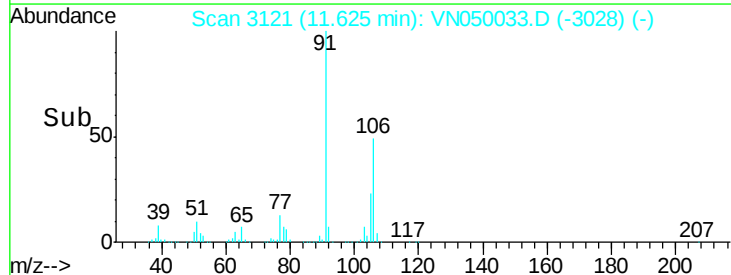
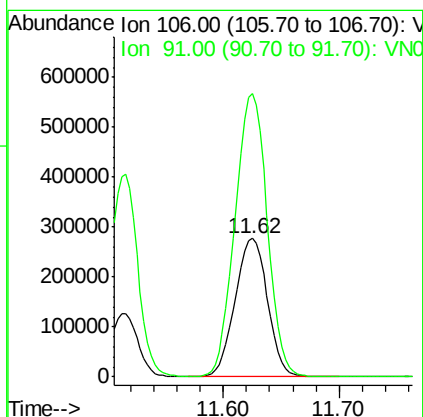
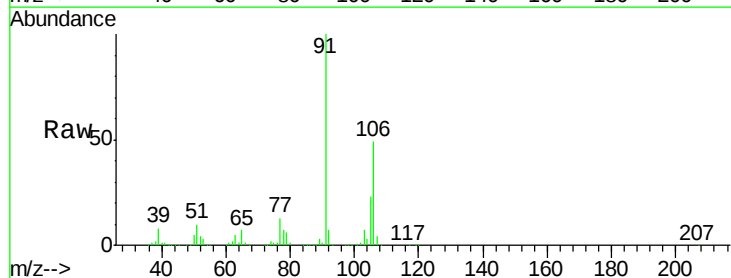
#67
Ethyl Benzene
Concen: 32.08 ug/l
RT: 11.52 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VN050033.D
Acq: 24 Jul 2018 20:28

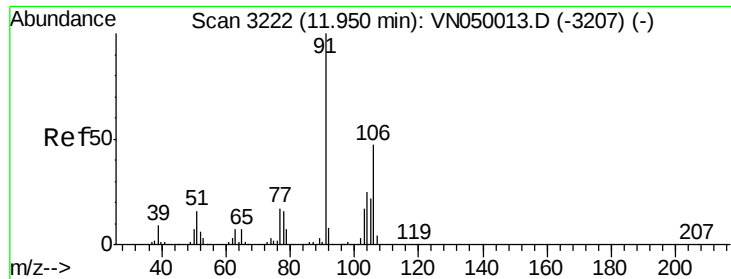
Tot Ion: 91 Resp: 678580
Ion Ratio Lower Upper
91 100
106 30.9 25.0 37.4



#68
m/p-Xylenes
Concen: 67.20 ug/l
RT: 11.62 min Scan# 3121
Delta R.T. 0.00 min
Lab File: VN050033.D
Acq: 24 Jul 2018 20:28

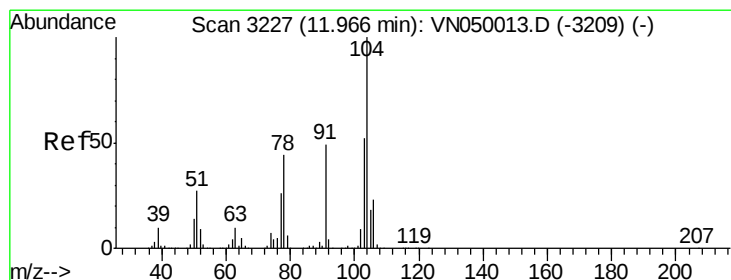
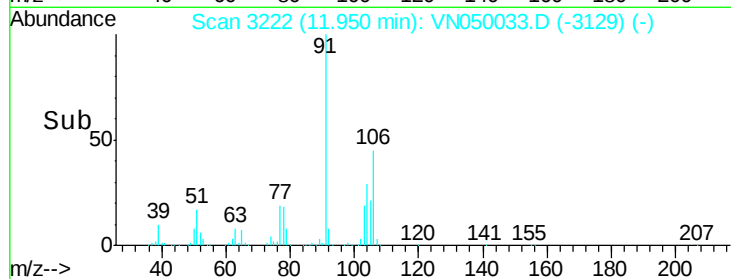
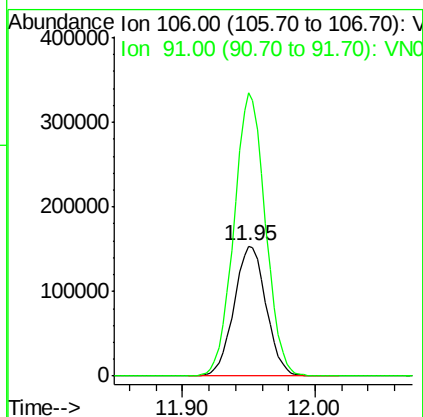
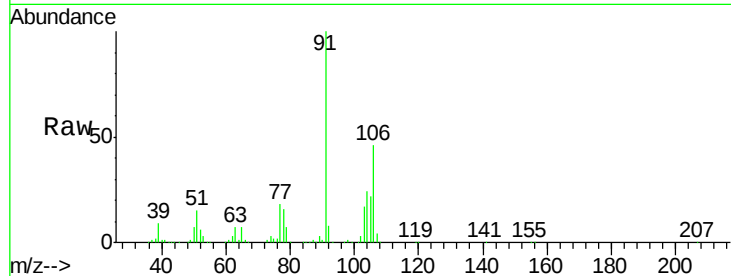
Tgt Ion: 106 Resp: 537747
Ion Ratio Lower Upper
106 100
91 203.5 162.2 243.2





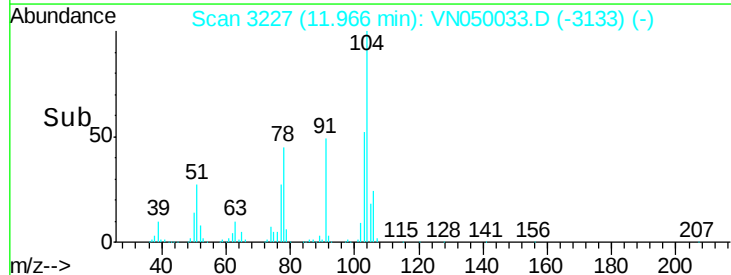
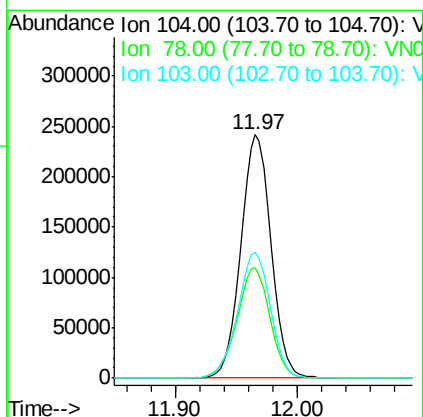
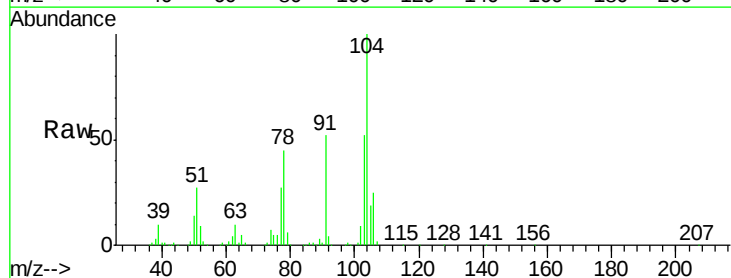
#69
o-Xylene
Concen: 33.78 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050033.D
Acq: 24 Jul 2018 20:28

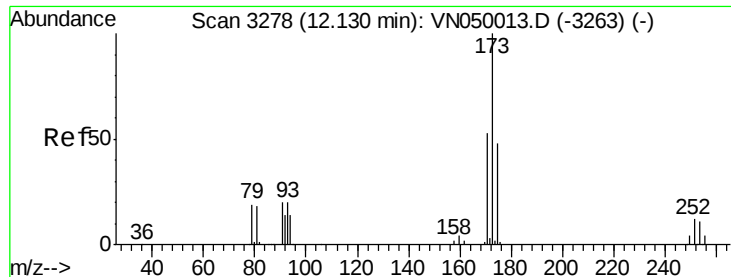
Tot Ion:106 Resp: 257664
Ion Ratio Lower Upper
106 100
91 213.9 107.7 323.1



#70
Styrene
Concen: 30.66 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050033.D
Acq: 24 Jul 2018 20:28

Tgt Ion:104 Resp: 411065
Ion Ratio Lower Upper
104 100
78 49.9 39.3 58.9
103 56.3 45.0 67.6





#71

Bromoform

Concen: 32.30 ug/l

RT: 12.13 min Scan# 3278

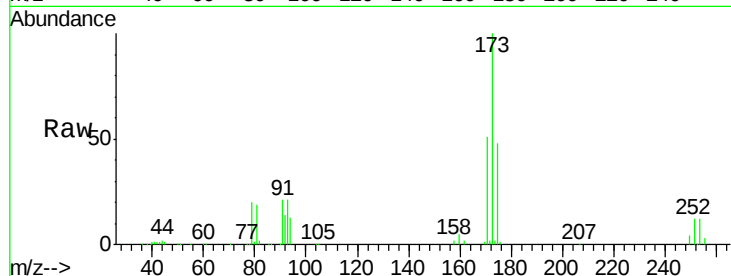
Delta R.T. 0.00 min

Lab File: VN050033.D

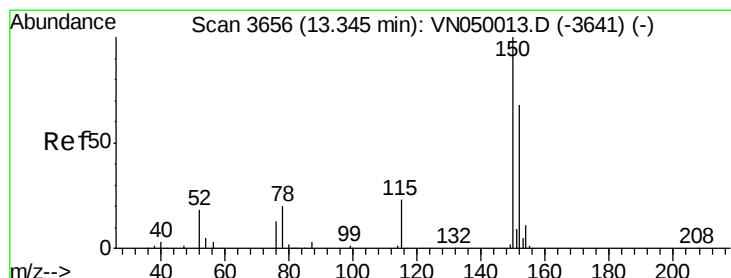
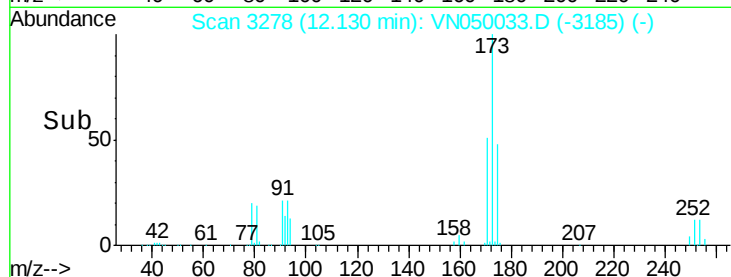
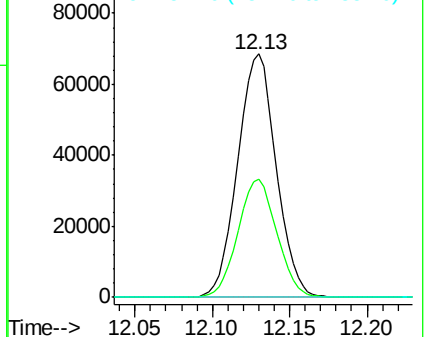
Acq: 24 Jul 2018 20:28

Tot Ion:173 Resp: 118898

Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.1	72.2
254	0.0	0.2	0.2



Abundance Ion 172.70 (172.40 to 173.40): V
 Ion 174.70 (174.40 to 175.40): V
 Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

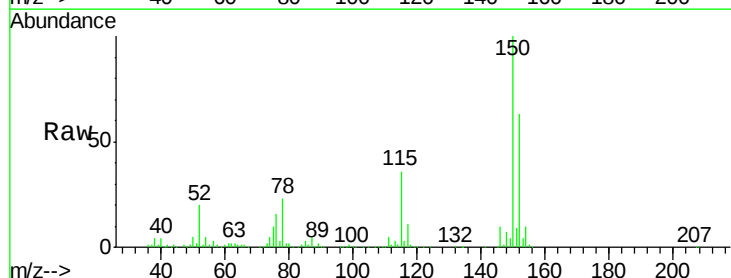
Delta R.T. 0.00 min

Lab File: VN050033.D

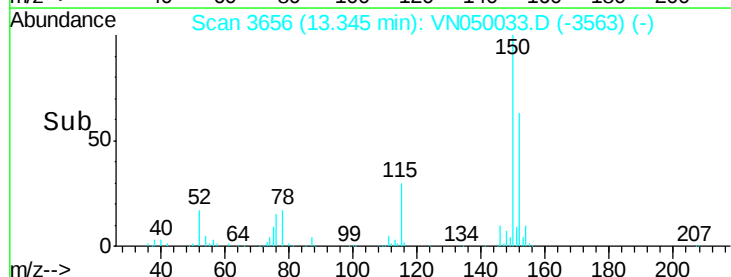
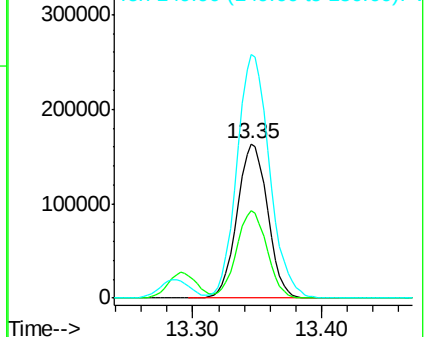
Acq: 24 Jul 2018 20:28

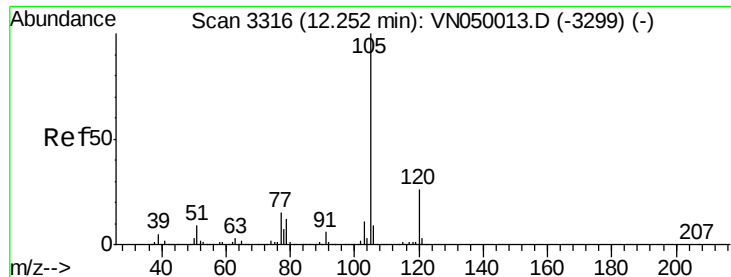
Tgt Ion:152 Resp: 267829

Ion	Ratio	Lower	Upper
152	100		
115	56.7	27.8	83.3
150	169.0	0.0	348.6



Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 32.98 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN050033.D

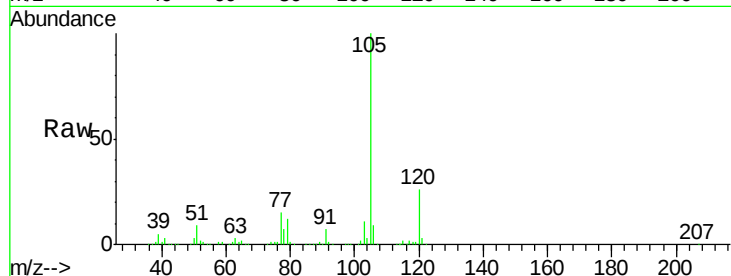
Acq: 24 Jul 2018 20:28

Tot Ion:105 Resp: 684989

Ion Ratio Lower Upper

105 100

120 26.3 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

400000

300000

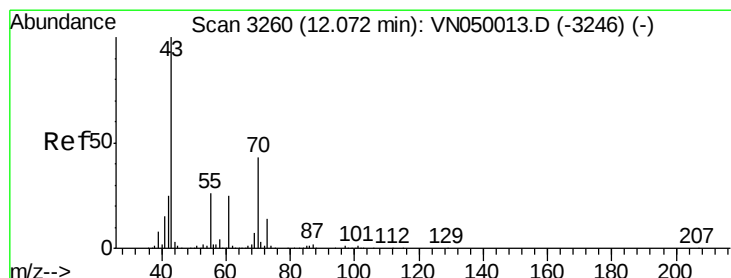
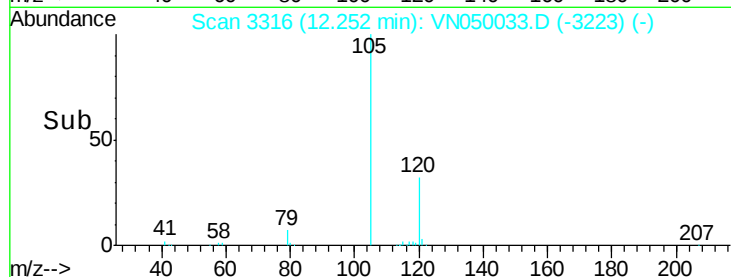
200000

100000

0

Time-->

12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 32.83 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN050033.D

Acq: 24 Jul 2018 20:28

Tgt Ion: 43 Resp: 208442

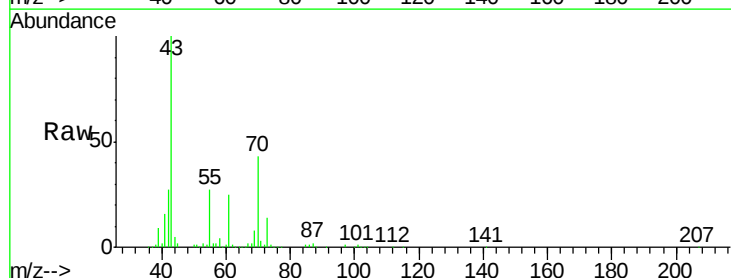
Ion Ratio Lower Upper

43 100

70 43.2 34.4 51.6

55 27.1 20.8 31.2

61 24.3 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

12.07

200000

150000

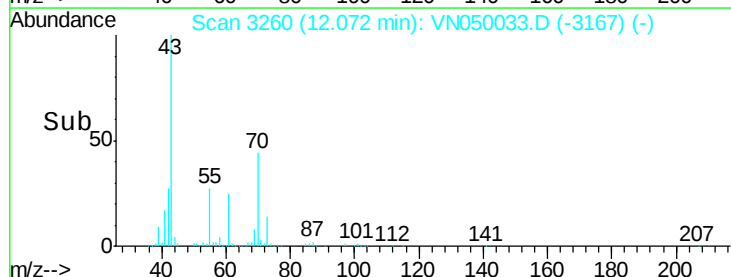
100000

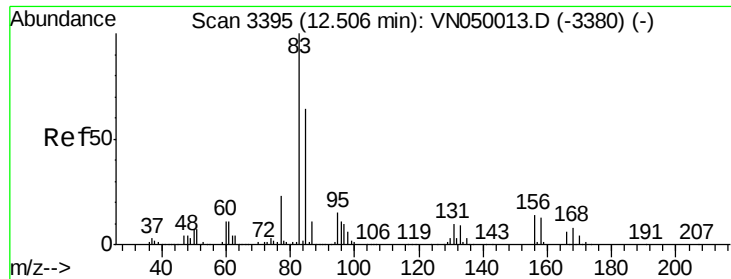
50000

0

Time-->

12.00 12.05 12.10 12.15





#75

1,1,2,2-Tetrachloroethane

Concen: 35.95 ug/l

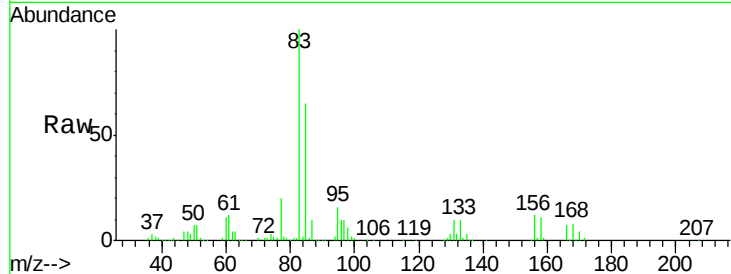
RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN050033.D

Acq: 24 Jul 2018 20:28

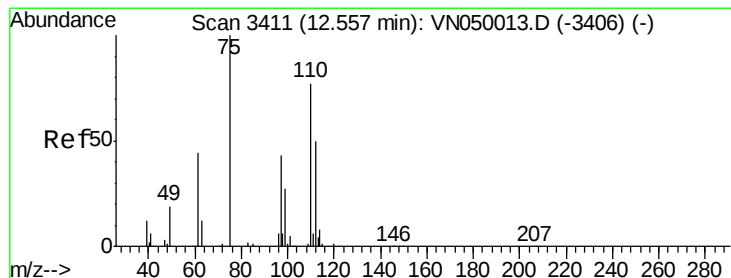
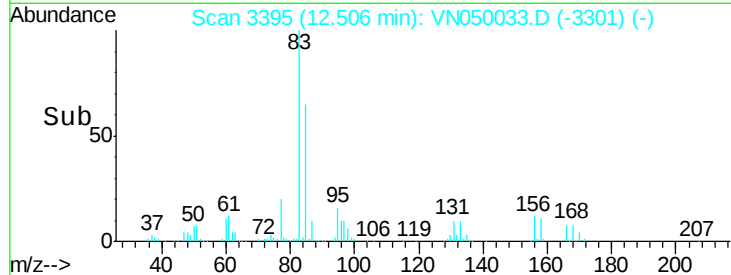
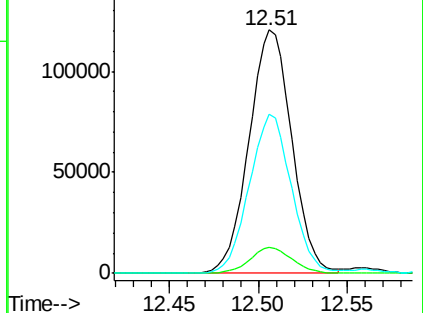
Tot Ion:	83	Resp:	202194
Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.1	15.3
85	64.2	32.3	96.8



Abundance Ion 82.90 (82.60 to 83.60): VN050033.D (-3380) (-)

Ion 130.80 (130.50 to 131.50): VN050033.D (-3380) (-)

Ion 84.90 (84.60 to 85.60): VN050033.D (-3380) (-)



#76

1,2,3-Trichloropropane

Concen: 48.34 ug/l

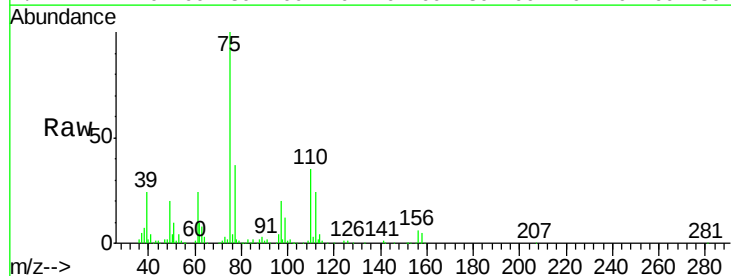
RT: 12.56 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN050033.D

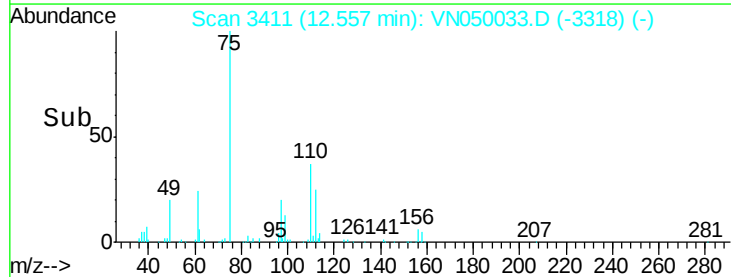
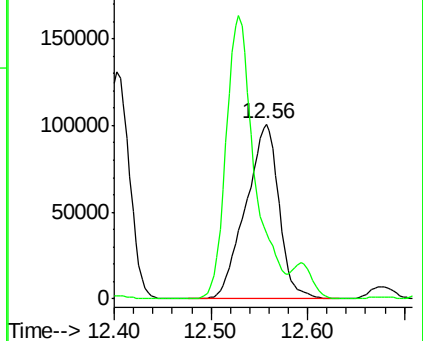
Acq: 24 Jul 2018 20:28

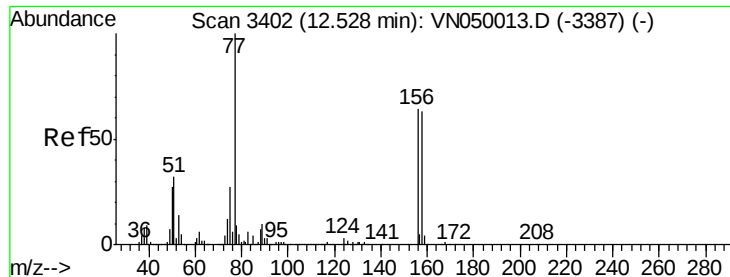
Tgt Ion:	75	Resp:	240586
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN050033.D (-3318) (-)

Ion 77.00 (76.70 to 77.70): VN050033.D (-3318) (-)





#77

Bromobenzene

Concen: 32.50 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN050033.D

Acq: 24 Jul 2018 20:28

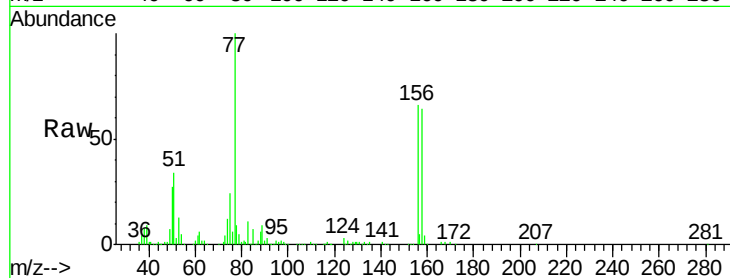
Tot Ion: 156 Resp: 187078

Ion Ratio Lower Upper

156 100

77 180.6 91.7 275.1

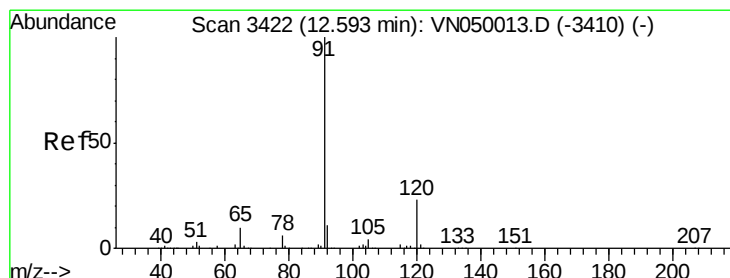
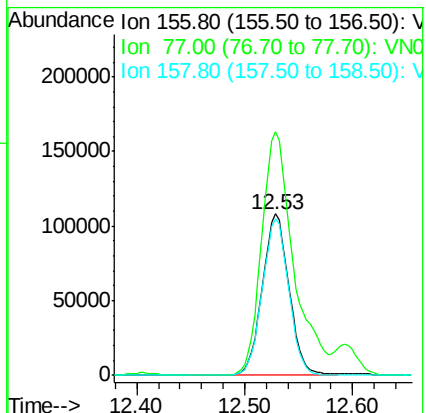
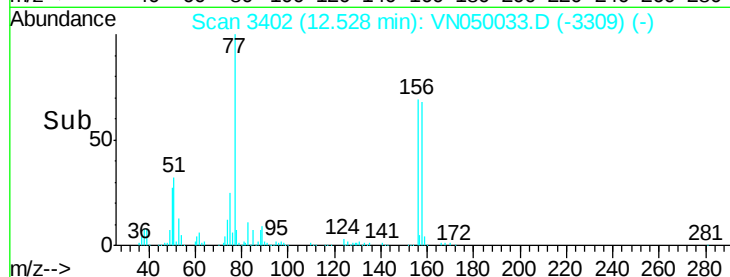
158 95.2 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 33.41 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050033.D

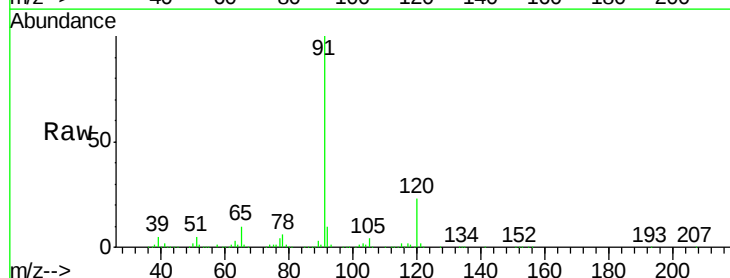
Acq: 24 Jul 2018 20:28

Tgt Ion: 91 Resp: 775651

Ion Ratio Lower Upper

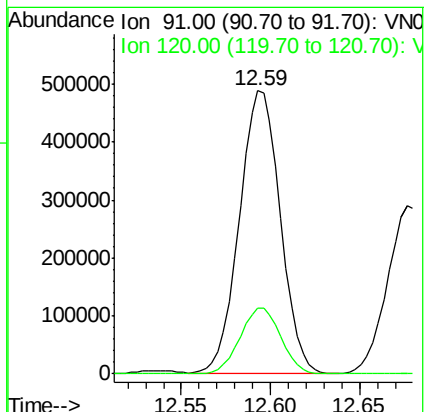
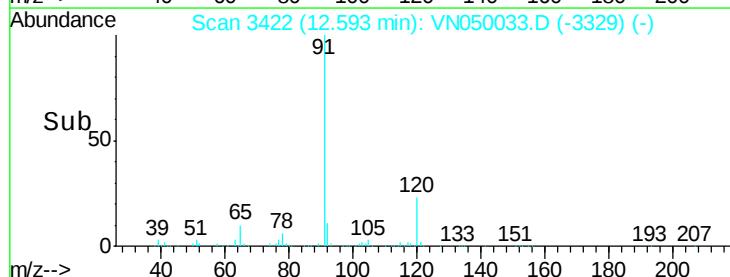
91 100

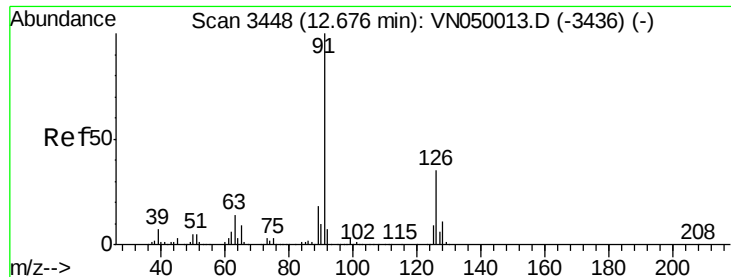
120 23.4 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 33.16 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN050033.D

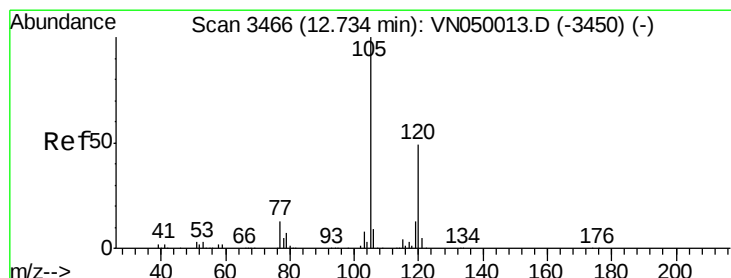
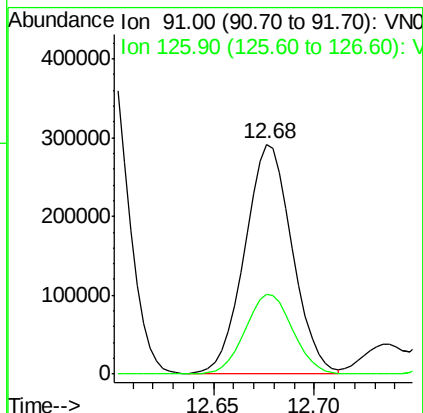
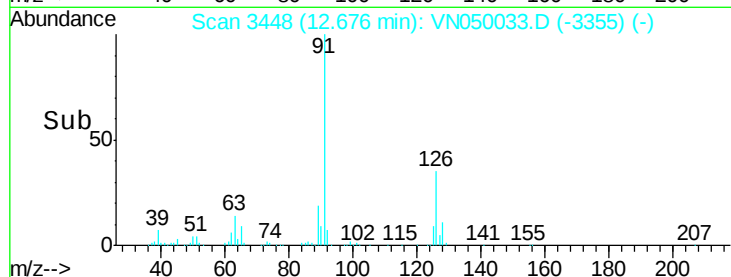
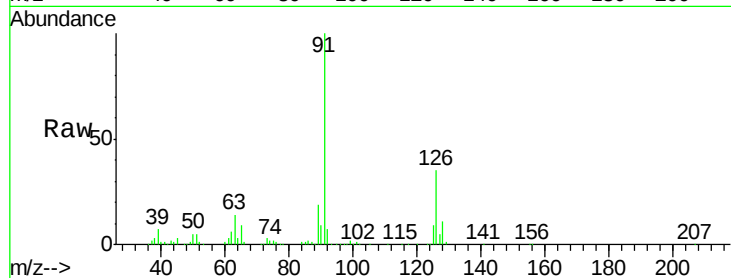
Acq: 24 Jul 2018 20:28

Tot Ion: 91 Resp: 477154

Ion Ratio Lower Upper

91 100

126 35.2 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 34.67 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050033.D

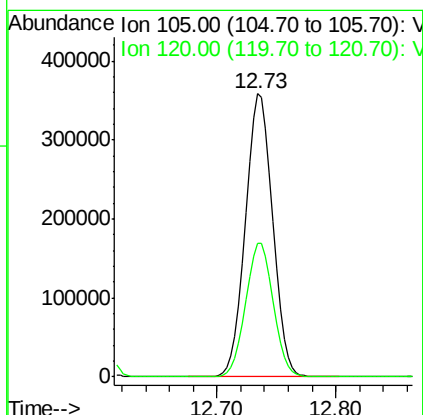
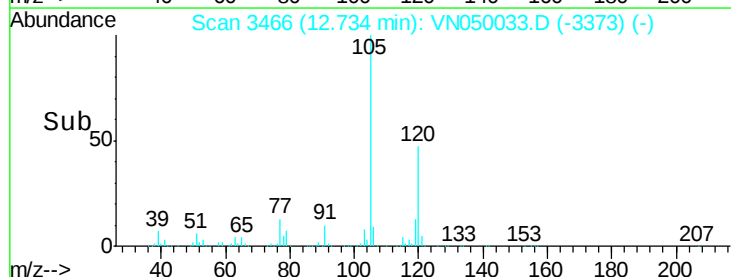
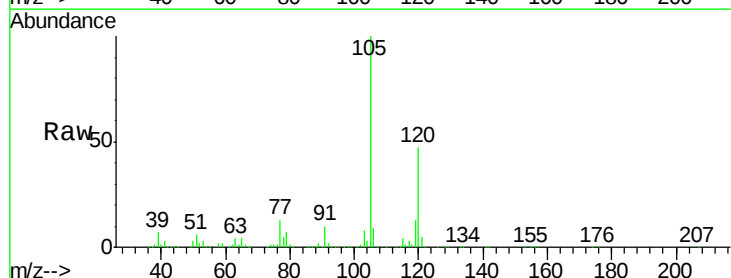
Acq: 24 Jul 2018 20:28

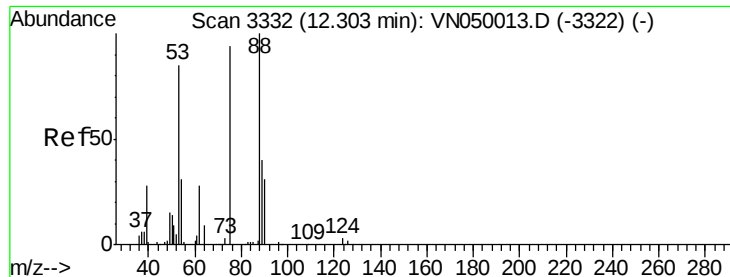
Tgt Ion: 105 Resp: 566397

Ion Ratio Lower Upper

105 100

120 48.2 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 32.05 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN050033.D

Acq: 24 Jul 2018 20:28

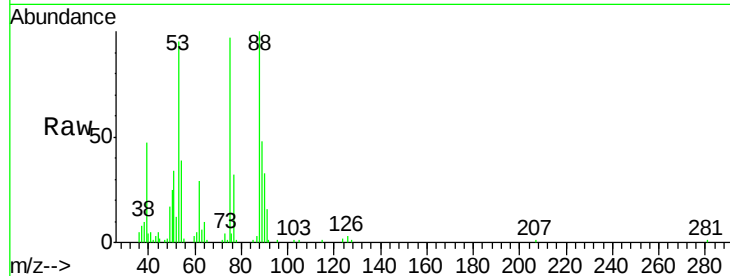
Tot Ion: 75 Resp: 50289

Ion Ratio Lower Upper

75 100

53 96.9 73.5 110.3

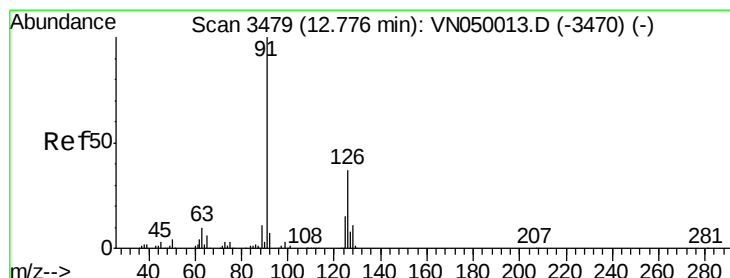
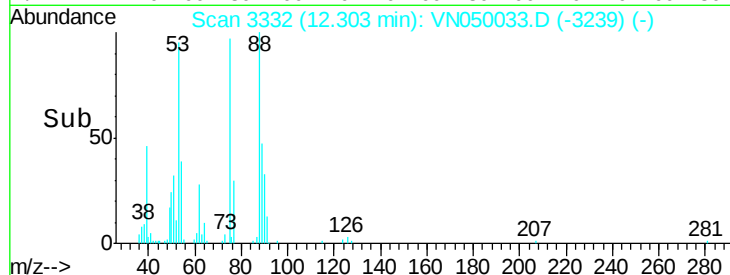
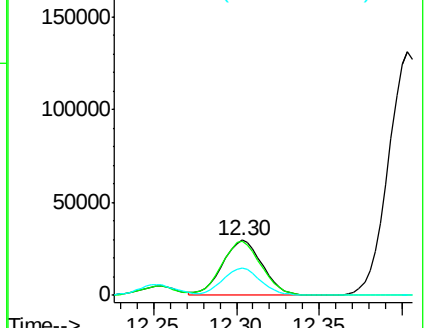
89 46.9 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 33.30 ug/l

RT: 12.78 min Scan# 3479

Delta R.T. 0.00 min

Lab File: VN050033.D

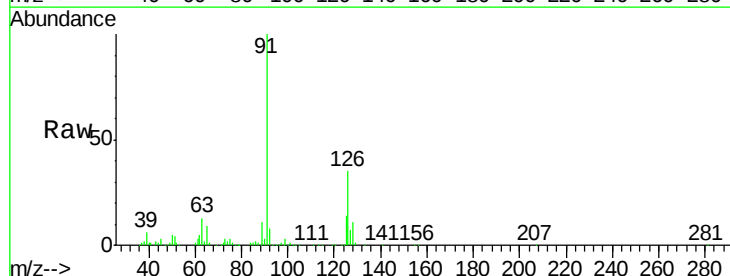
Acq: 24 Jul 2018 20:28

Tgt Ion: 91 Resp: 474480

Ion Ratio Lower Upper

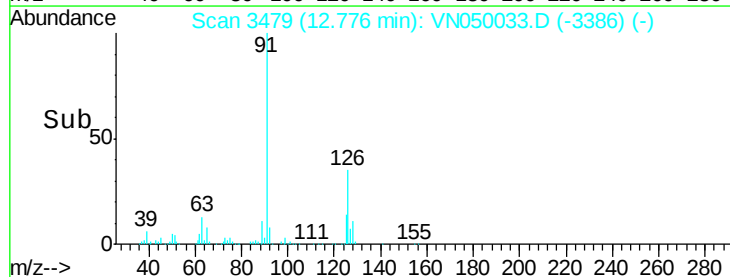
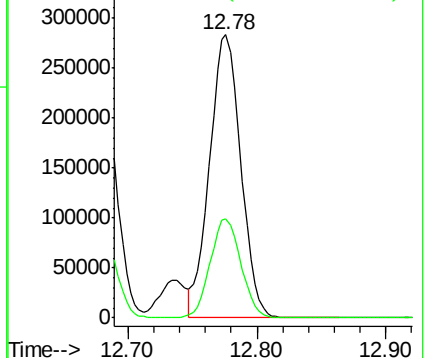
91 100

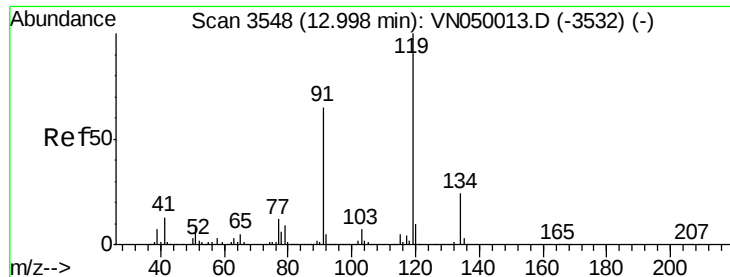
126 34.5 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

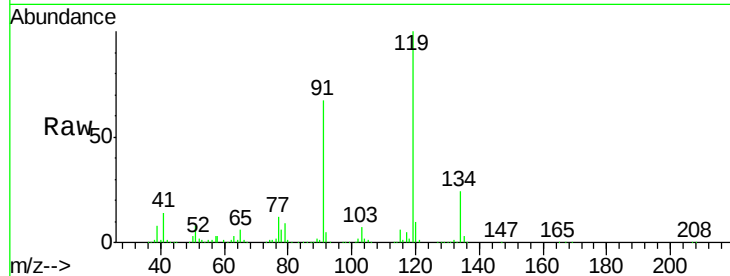
Ion 125.90 (125.60 to 126.60): V



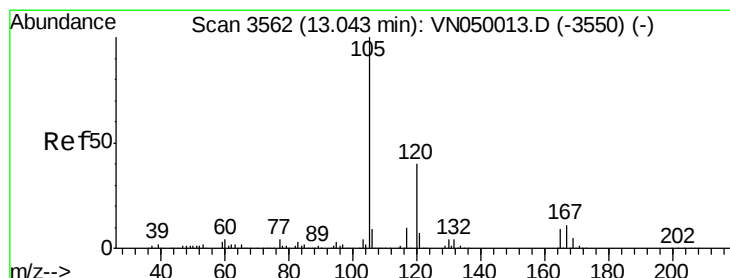
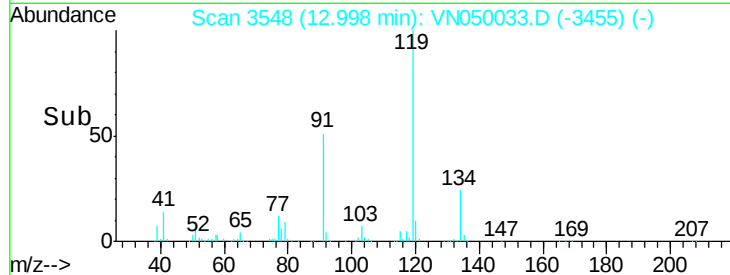
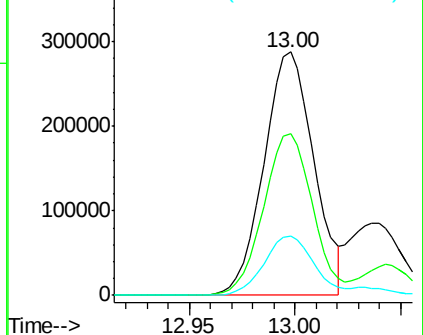


#83
tert-Butylbenzene
Concen: 33.30 ug/l
RT: 13.00 min Scan# 3548
Delta R.T. 0.00 min
Lab File: VN050033.D
Acq: 24 Jul 2018 20:28

Tot Ion:119 Resp: 474831
Ion Ratio Lower Upper
119 100
91 65.0 32.1 96.3
134 24.6 13.2 39.5

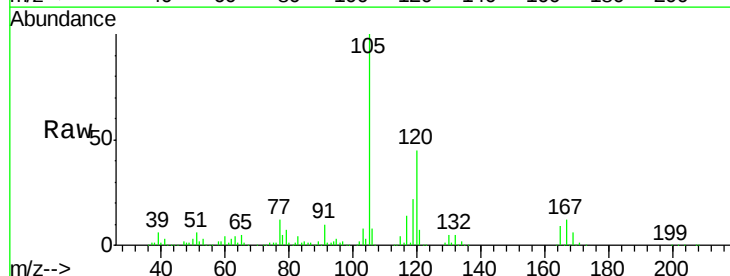


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

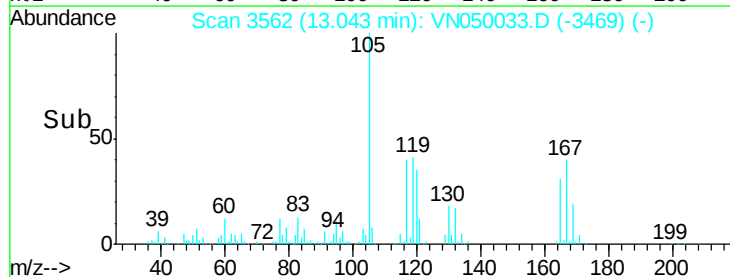
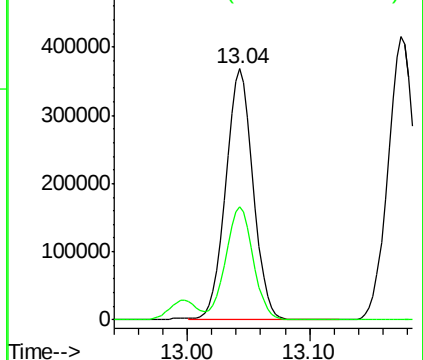


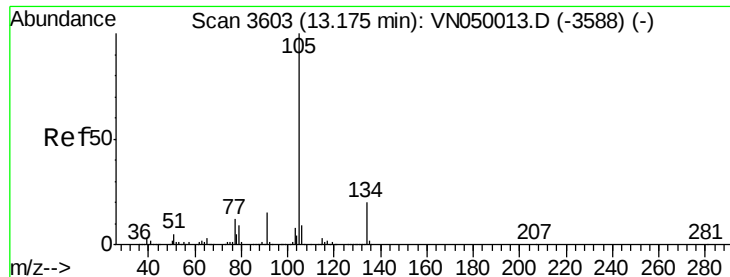
#84
1,2,4-Trimethylbenzene
Concen: 35.02 ug/l
RT: 13.04 min Scan# 3562
Delta R.T. 0.00 min
Lab File: VN050033.D
Acq: 24 Jul 2018 20:28

Tgt Ion:105 Resp: 576677
Ion Ratio Lower Upper
105 100
120 45.4 22.9 68.7



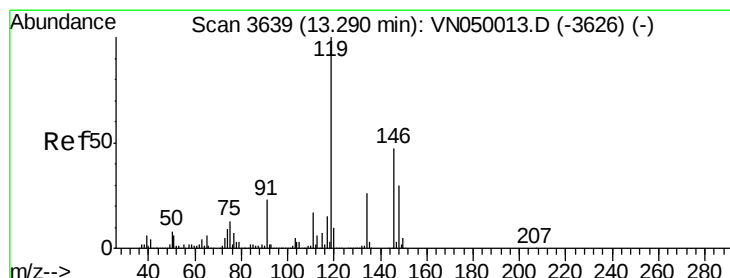
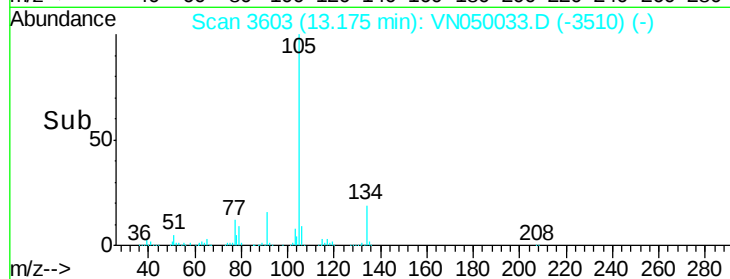
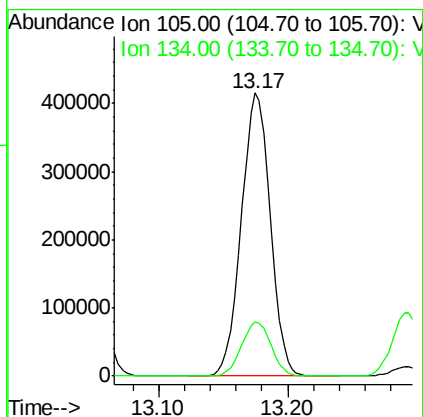
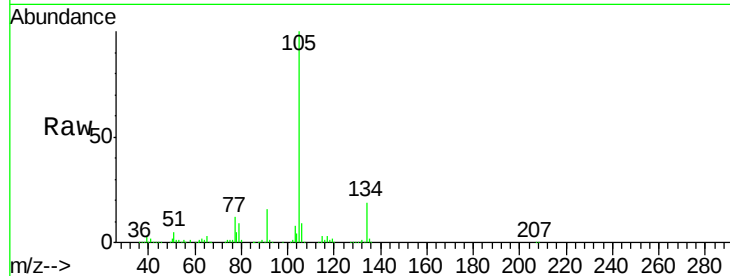
Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





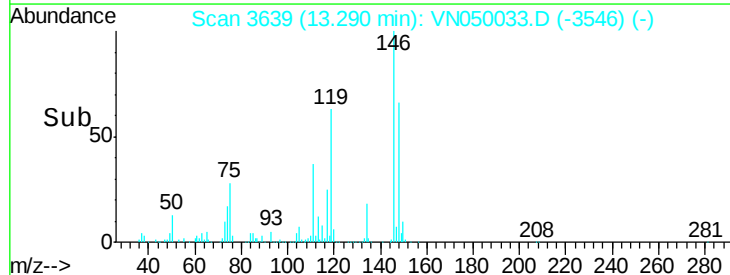
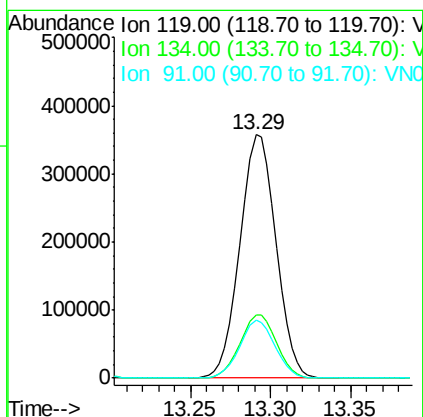
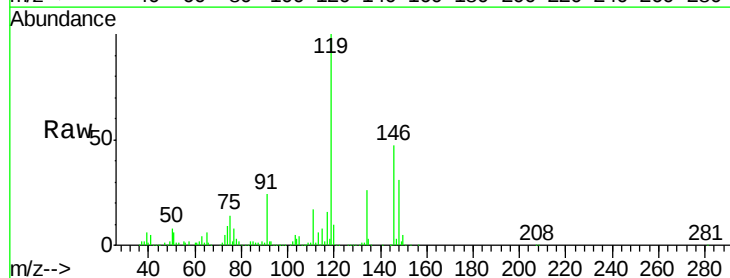
#85
 sec-Butylbenzene
 Concen: 33.91 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN050033.D
 Acq: 24 Jul 2018 20:28

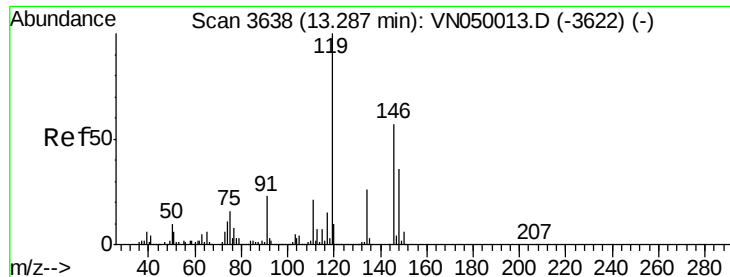
Tot Ion:105 Resp: 646029
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 34.01 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.00 min
 Lab File: VN050033.D
 Acq: 24 Jul 2018 20:28

Tgt Ion:119 Resp: 545919
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.8
 91 23.2 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 31.51 ug/l

RT: 13.28 min Scan# 3637

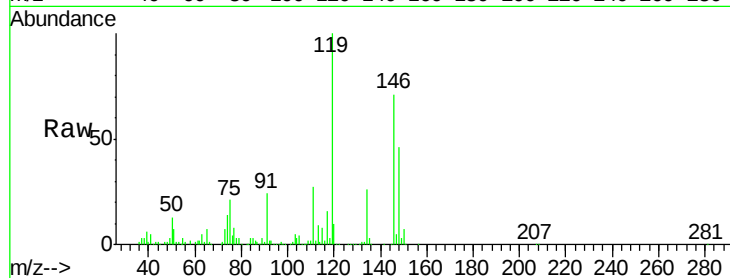
Delta R.T. -0.00 min

Lab File: VN050033.D

Acq: 24 Jul 2018 20:28

Tot Ion:146 Resp: 307535

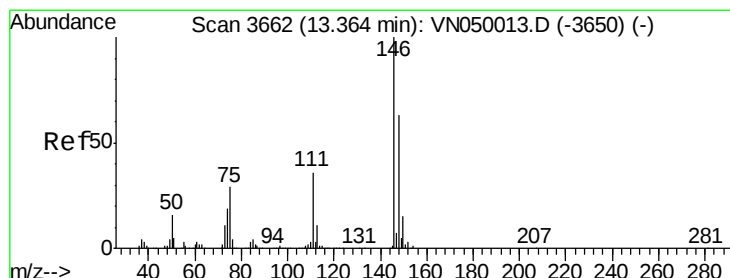
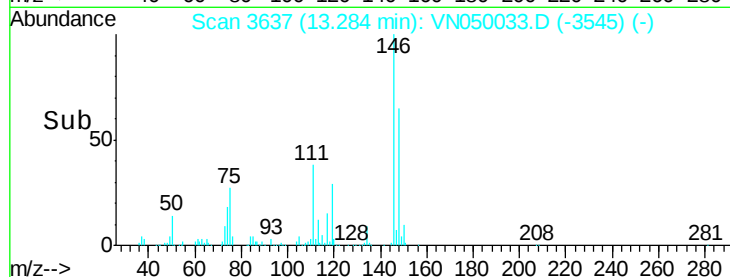
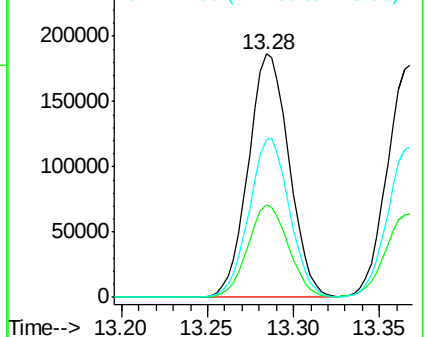
Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.8	56.4
148	64.6	31.9	95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 31.10 ug/l

RT: 13.37 min Scan# 3663

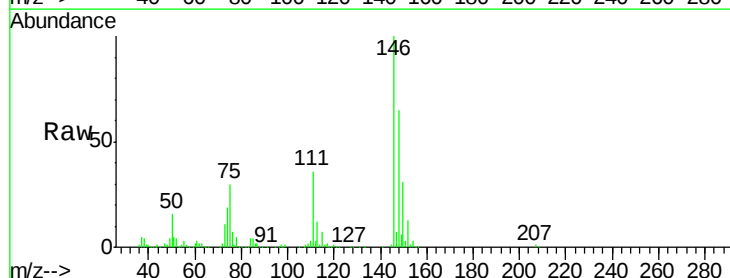
Delta R.T. 0.00 min

Lab File: VN050033.D

Acq: 24 Jul 2018 20:28

Tgt Ion:146 Resp: 295795

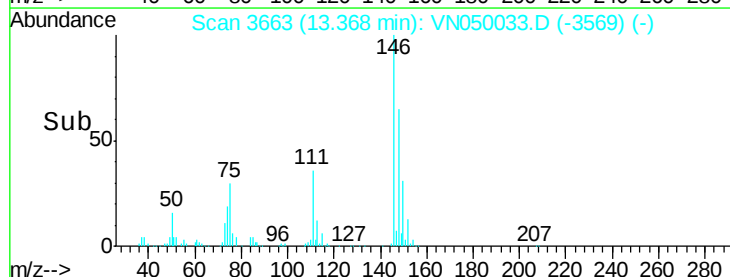
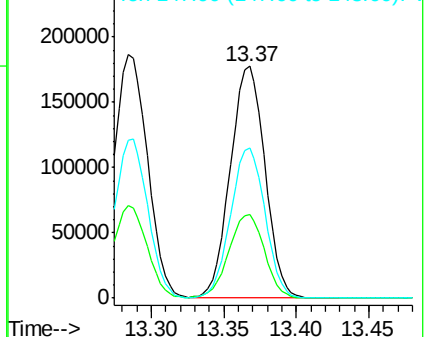
Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.3	54.9
148	64.4	31.9	95.9

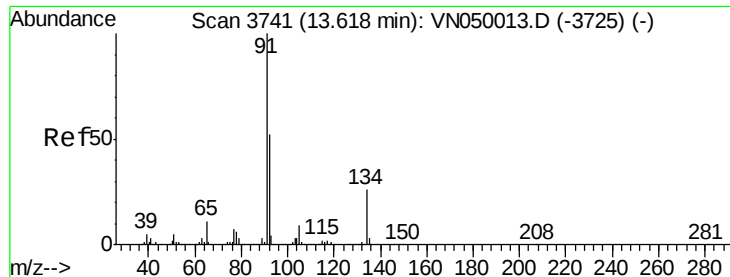


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

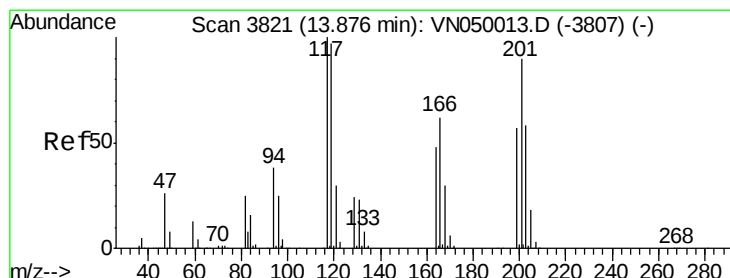
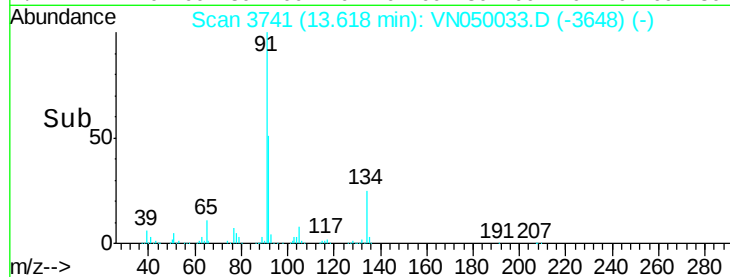
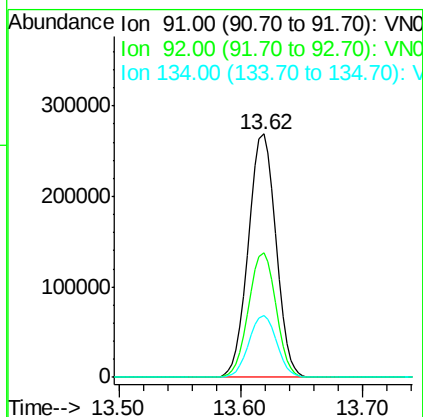
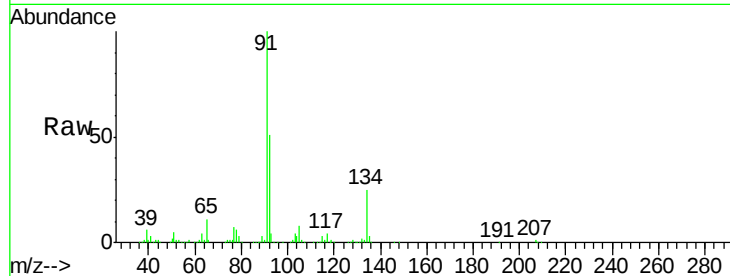
Ion 147.90 (147.60 to 148.60): V





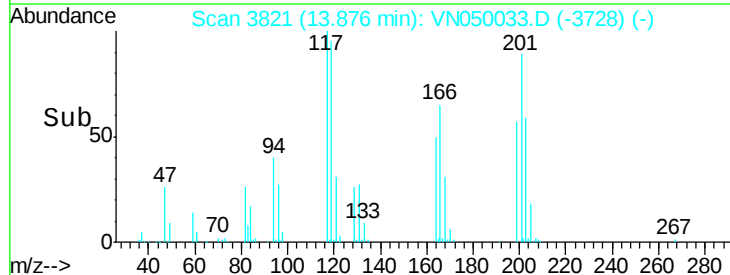
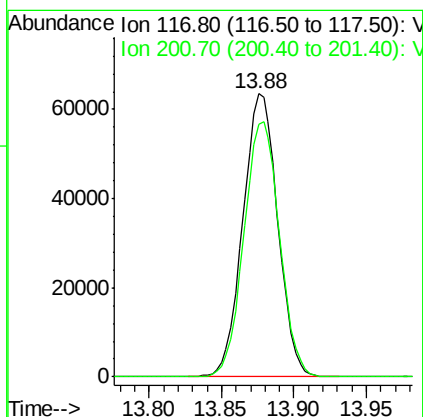
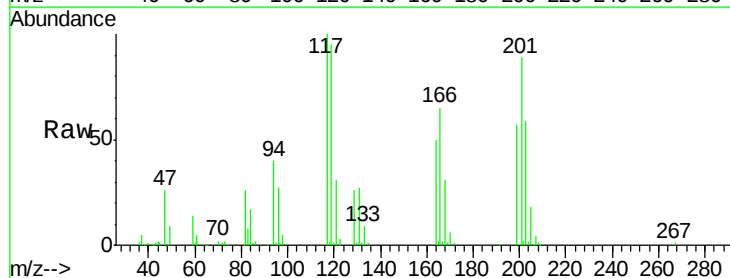
#89
n-Butylbenzene
Concen: 31.59 ug/l
RT: 13.62 min Scan# 3741
Delta R.T. 0.00 min
Lab File: VN050033.D
Acq: 24 Jul 2018 20:28

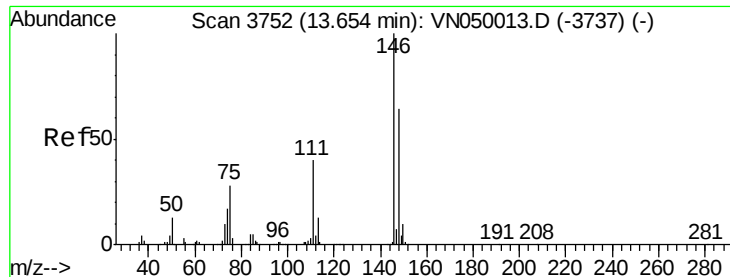
Tot Ion: 91 Resp: 416970
Ion Ratio Lower Upper
91 100
92 50.9 25.8 77.4
134 25.6 12.8 38.4



#90
Hexachloroethane
Concen: 29.85 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN050033.D
Acq: 24 Jul 2018 20:28

Tgt Ion: 117 Resp: 106415
Ion Ratio Lower Upper
117 100
201 91.9 45.6 136.8





#91

1,2-Dichlorobenzene

Concen: 31.74 ug/l

RT: 13.66 min Scan# 3753

Delta R.T. 0.00 min

Lab File: VN050033.D

Acq: 24 Jul 2018 20:28

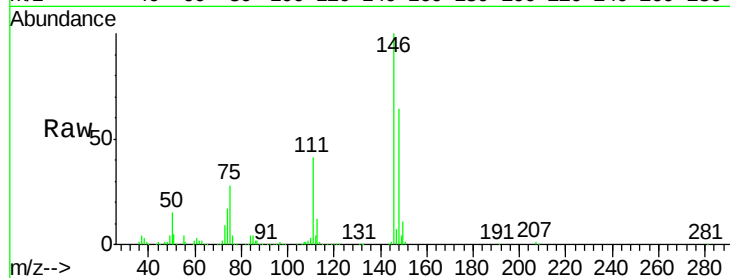
Tot Ion:146 Resp: 309688

Ion Ratio Lower Upper

146 100

111 40.0 19.6 58.7

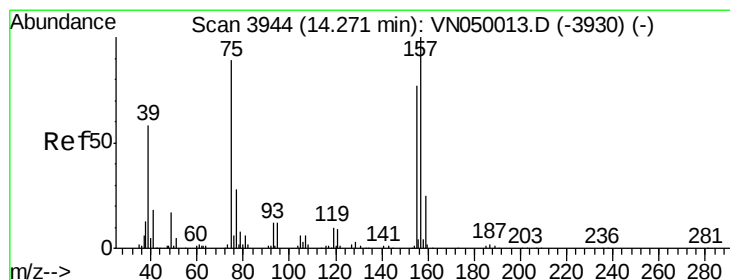
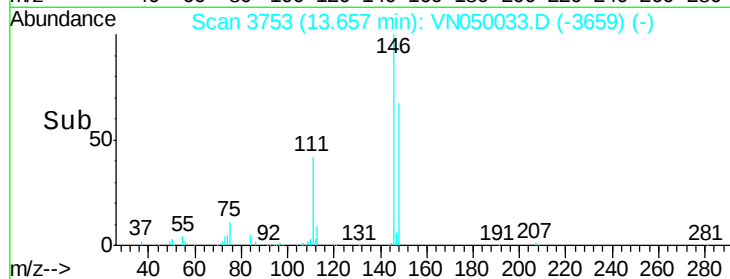
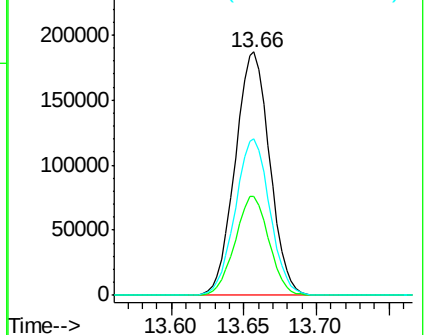
148 64.5 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 34.05 ug/l

RT: 14.27 min Scan# 3945

Delta R.T. 0.00 min

Lab File: VN050033.D

Acq: 24 Jul 2018 20:28

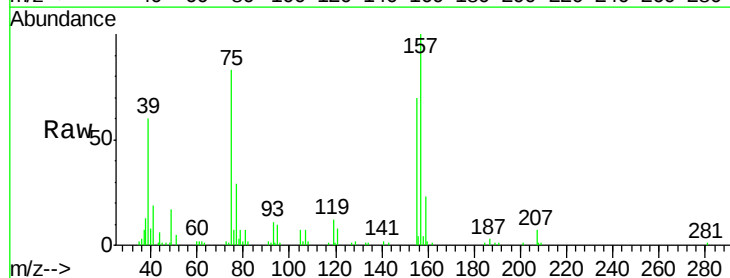
Tgt Ion: 75 Resp: 31756

Ion Ratio Lower Upper

75 100

155 86.7 44.8 134.4

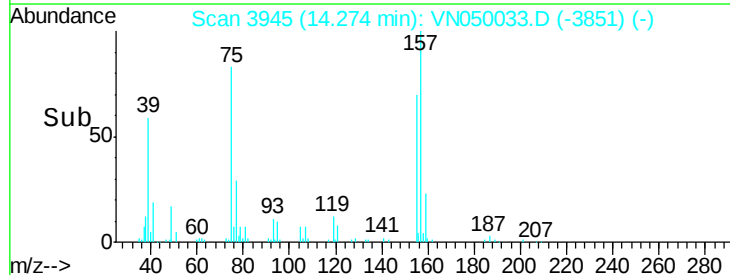
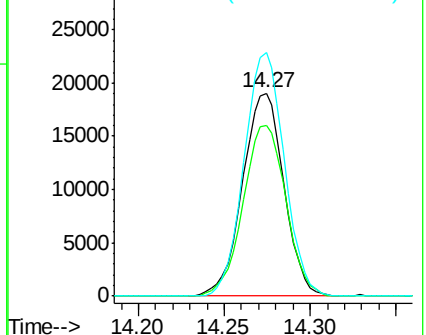
157 116.7 57.2 171.6

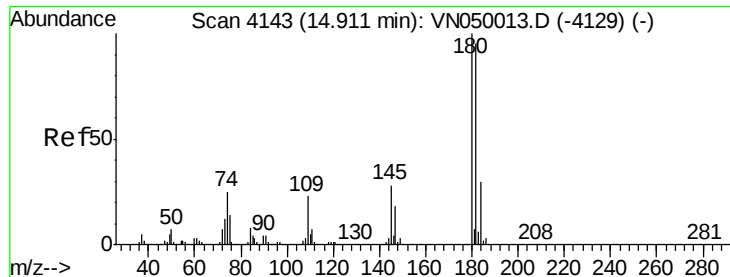


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 27.98 ug/l

RT: 14.91 min Scan# 4144

Delta R.T. 0.00 min

Lab File: VN050033.D

Acq: 24 Jul 2018 20:28

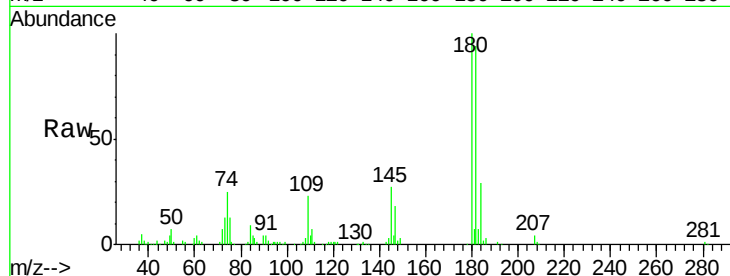
Tot Ion:180 Resp: 137266

Ion Ratio Lower Upper

180 100

182 95.2 46.7 140.1

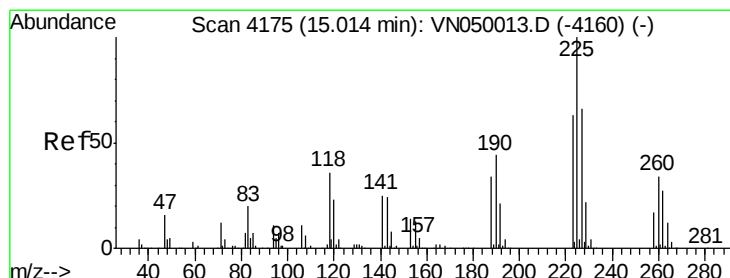
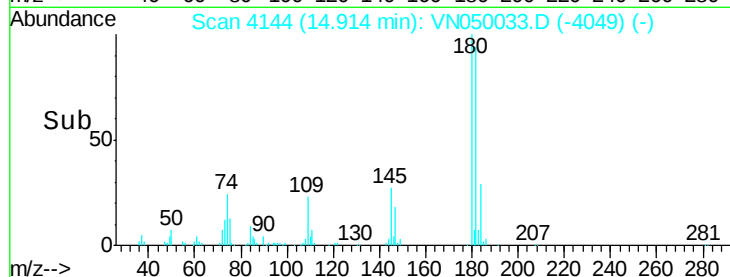
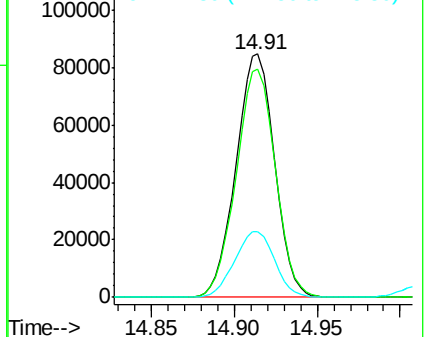
145 28.2 13.8 41.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 30.87 ug/l

RT: 15.01 min Scan# 4175

Delta R.T. 0.00 min

Lab File: VN050033.D

Acq: 24 Jul 2018 20:28

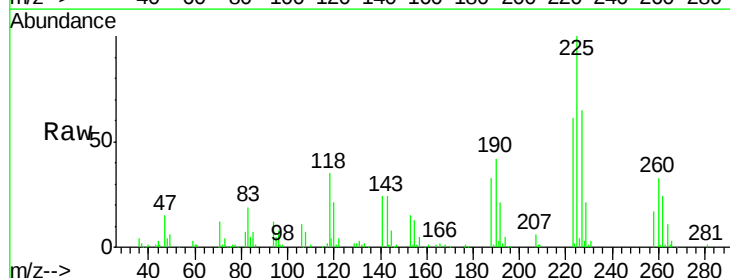
Tgt Ion:225 Resp: 92200

Ion Ratio Lower Upper

225 100

223 61.6 31.4 94.2

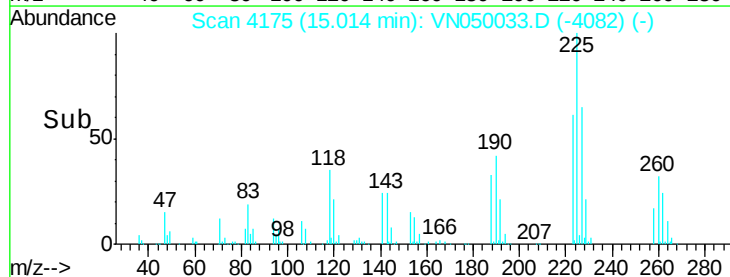
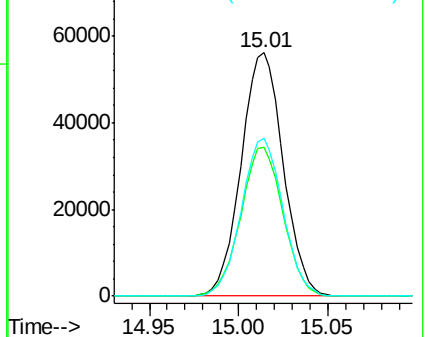
227 64.1 32.1 96.5

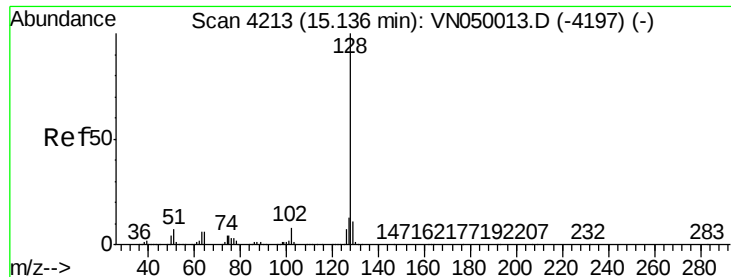


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

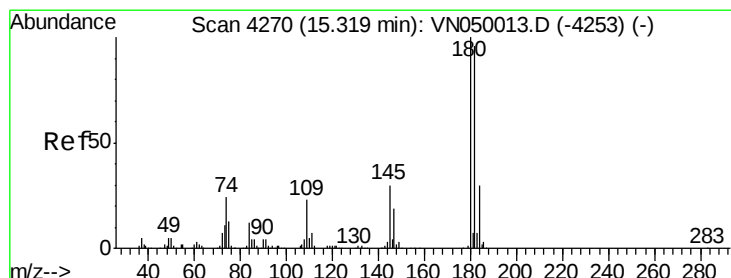
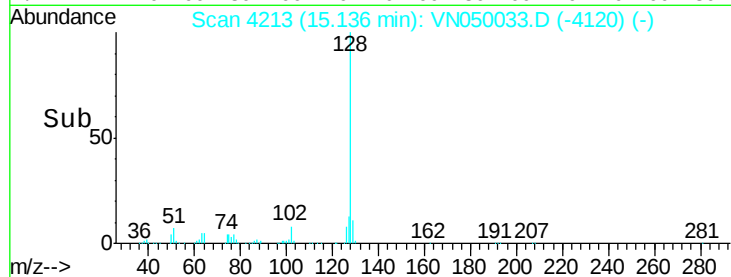
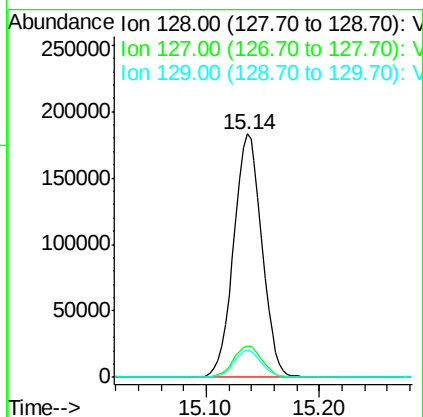
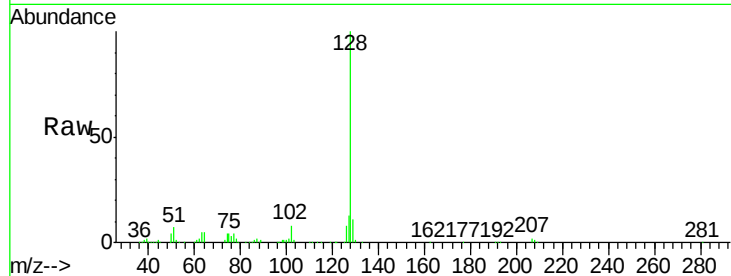
Ion 226.70 (226.40 to 227.40): V





#95
Naphthalene
Concen: 28.08 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050033.D
Acq: 24 Jul 2018 20:28

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.1	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 29.82 ug/l
RT: 15.32 min Scan# 4270
Delta R.T. 0.00 min
Lab File: VN050033.D
Acq: 24 Jul 2018 20:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.1	144.4
145	31.0	15.3	45.9

