

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072418\
 Data File : VN050023.D
 Acq On : 24 Jul 2018 16:18
 Operator : MD\SY
 Sample : VN0724WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 25 00:48:50 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	607934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	901437	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	810317	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	417706	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	424242	50.02	ug/l	0.00
Spiked Amount			Recovery	=	100.04%	
35) Dibromofluoromethane	7.60	113	373000	50.68	ug/l	0.00
Spiked Amount			Recovery	=	101.36%	
50) Toluene-d8	10.09	98	1358186	50.19	ug/l	0.00
Spiked Amount			Recovery	=	100.38%	
62) 4-Bromofluorobenzene	12.40	95	439222	49.30	ug/l	0.00
Spiked Amount			Recovery	=	98.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	192353	22.02	ug/l	100
3) Chloromethane	2.06	50	190413	20.05	ug/l	98
4) Vinyl Chloride	2.18	62	199744	19.98	ug/l	98
5) Bromomethane	2.56	94	117453	20.56	ug/l	98
6) Chloroethane	2.70	64	115932	19.31	ug/l	97
7) Trichlorofluoromethane	3.01	101	260890	20.14	ug/l	99
8) Diethyl Ether	3.41	74	88332	20.46	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	155394	19.95	ug/l	99
10) Methyl Iodide	3.95	142	193253	19.33	ug/l	99
11) Tert butyl alcohol	4.81	59	67605	108.32	ug/l #	86
12) 1,1-Dichloroethene	3.73	96	138319	19.74	ug/l	98
13) Acrolein	3.61	56	48059	95.84	ug/l	96
14) Allyl chloride	4.32	41	220751	20.32	ug/l	99
15) Acrylonitrile	5.00	53	286449	105.20	ug/l	99
16) Acetone	3.82	43	237252	116.43	ug/l	99
17) Carbon Disulfide	4.05	76	411209	19.16	ug/l	100
18) Methyl Acetate	4.33	43	175006	21.59	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	390622	20.92	ug/l	99
20) Methylene Chloride	4.55	84	161266	20.71	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	147848	19.91	ug/l	97
22) Diisopropyl ether	5.96	45	458565	21.29	ug/l	99
23) Vinyl Acetate	5.90	43	1583638	104.02	ug/l	99
24) 1,1-Dichloroethane	5.85	63	278278	19.75	ug/l	99
25) 2-Butanone	6.84	43	351668	108.70	ug/l	100
26) 2,2-Dichloropropane	6.83	77	227826	21.26	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	162617	20.35	ug/l	99
28) Bromochloromethane	7.20	49	130448	20.30	ug/l	98
29) Tetrahydrofuran	7.22	42	228998	109.54	ug/l	99
30) Chloroform	7.38	83	288392	20.06	ug/l	97
31) Cyclohexane	7.66	56	234629	20.04	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	242396	19.71	ug/l	99
36) 1,1-Dichloropropene	7.80	75	210109	20.69	ug/l	99
37) Ethyl Acetate	6.94	43	150706	21.28	ug/l	99
38) Carbon Tetrachloride	7.78	117	214639	19.92	ug/l	99

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Quant Time: Jul 25 00:48:50 2018
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

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

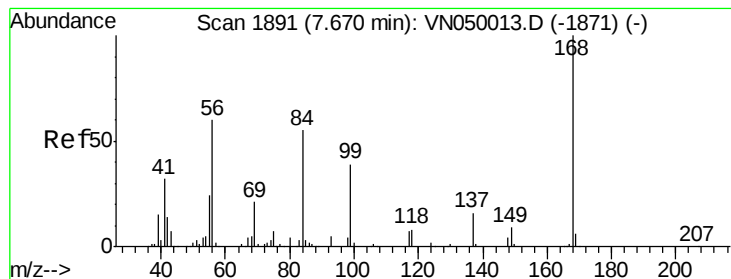
39) Methylcyclohexane	9.08	83	209934	20.09	ug/l	98
40) Benzene	8.05	78	632960	20.48	ug/l	98
41) Methacrylonitrile	7.18	41	75694	22.15	ug/l #	83
42) 1,2-Dichloroethane	8.13	62	207741	20.15	ug/l	98
43) Isopropyl Acetate	8.17	43	276969	20.07	ug/l	99
44) Trichloroethene	8.84	130	164198	19.77	ug/l	96
45) 1,2-Dichloropropane	9.12	63	165905	20.27	ug/l	99
46) Dibromomethane	9.21	93	105792	20.81	ug/l	99
47) Bromodichloromethane	9.41	83	214757	20.02	ug/l	99
48) Methyl methacrylate	9.20	41	128171	21.02	ug/l	100
49) 1,4-Dioxane	9.20	88	35710	430.30	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	759756	109.15	ug/l	99
52) Toluene	10.16	92	384344	21.07	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	209027	20.65	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	238529	20.62	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	149451	20.65	ug/l	99
56) Ethyl methacrylate	10.43	69	178755	19.53	ug/l	99
57) 1,3-Dichloropropane	10.71	76	244127	20.72	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	408112	94.61	ug/l	100
59) 2-Hexanone	10.75	43	507438	102.33	ug/l	98
60) Dibromochloromethane	10.90	129	160911	20.09	ug/l	97
61) 1,2-Dibromoethane	11.01	107	144764	20.16	ug/l	99
64) Tetrachloroethene	10.63	164	156384	20.07	ug/l	99
65) Chlorobenzene	11.44	112	407489	19.91	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	157552	20.03	ug/l	100
67) Ethyl Benzene	11.51	91	675490	20.54	ug/l	100
68) m/p-Xylenes	11.62	106	526968	42.37	ug/l	100
69) o-Xylene	11.95	106	248859	20.99	ug/l	99
70) Styrene	11.97	104	400601	19.57	ug/l	100
71) Bromoform	12.13	173	114840	20.07	ug/l #	99
73) Isopropylbenzene	12.25	105	667428	20.60	ug/l	100
74) N-amyl acetate	12.07	43	199785	20.18	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	191633	21.13	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	232164	29.91	ug/l #	100
77) Bromobenzene	12.53	156	177908	19.81	ug/l	99
78) n-propylbenzene	12.59	91	761047	21.02	ug/l	100
79) 2-Chlorotoluene	12.68	91	463549	20.65	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	546442	21.44	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	49354	20.17	ug/l	96
82) 4-Chlorotoluene	12.78	91	463530	20.86	ug/l	100
83) tert-Butylbenzene	13.00	119	461252	20.74	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	557510	21.71	ug/l	100
85) sec-Butylbenzene	13.17	105	628245	21.14	ug/l	99
86) p-Isopropyltoluene	13.29	119	536938	21.45	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	305815	20.09	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	294117	19.83	ug/l	98
89) n-Butylbenzene	13.62	91	424035	20.60	ug/l	98
90) Hexachloroethane	13.88	117	102399	18.42	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	302384	19.87	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	30406	20.59	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	136669	18.98	ug/l	98
94) Hexachlorobutadiene	15.01	225	95146	20.43	ug/l	97
95) Naphthalene	15.14	128	295307	18.53	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	142190	19.50	ug/l	99

(#) = 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: VN050023.D

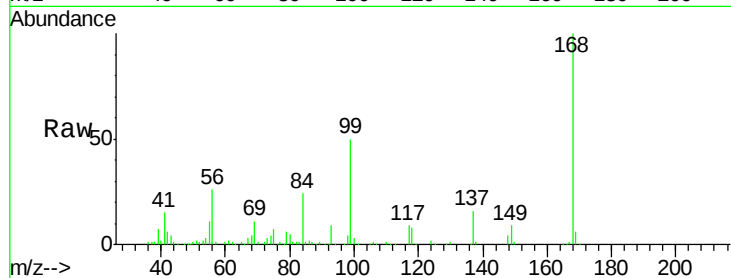
Acq: 24 Jul 2018 16:18

Tot Ion:168 Resp: 607934

Ion Ratio Lower Upper

168 100

99 49.7 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

250000

200000

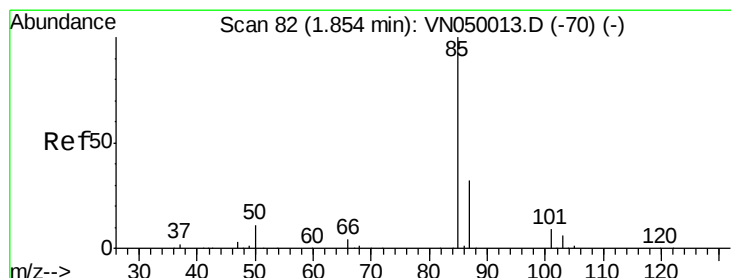
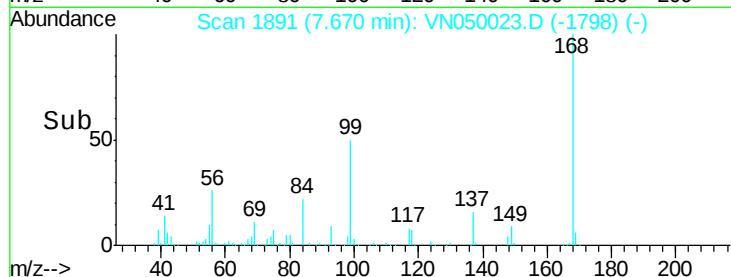
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 22.02 ug/l

RT: 1.85 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN050023.D

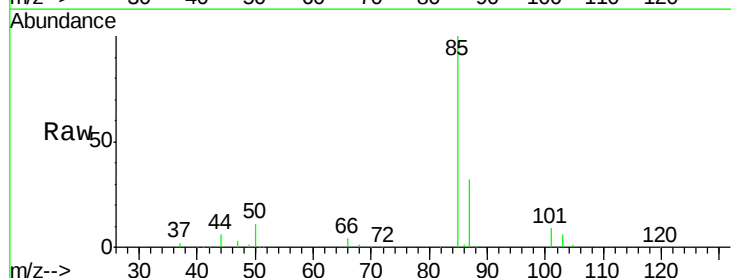
Acq: 24 Jul 2018 16:18

Tgt Ion: 85 Resp: 192353

Ion Ratio Lower Upper

85 100

87 32.3 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

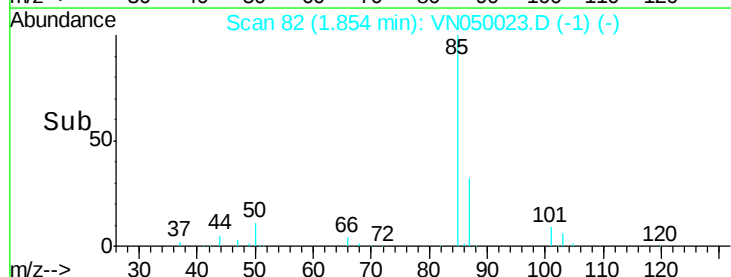
150000

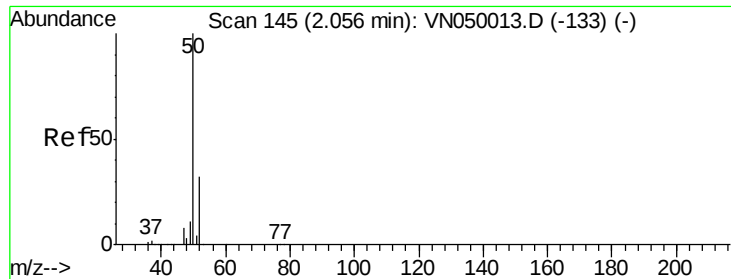
100000

50000

0

Time-->





#3

Chloromethane

Concen: 20.05 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN050023.D

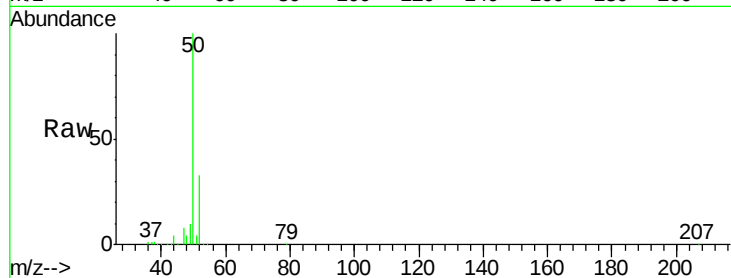
Acq: 24 Jul 2018 16:18

Tot Ion: 50 Resp: 190413

Ion Ratio Lower Upper

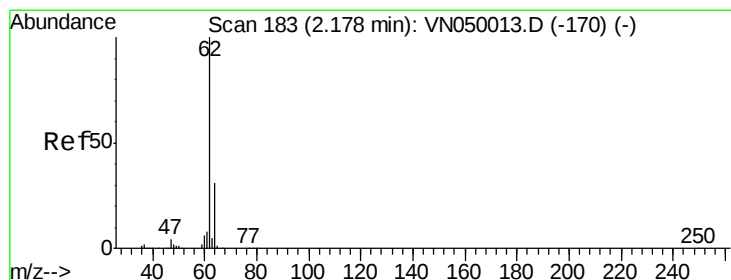
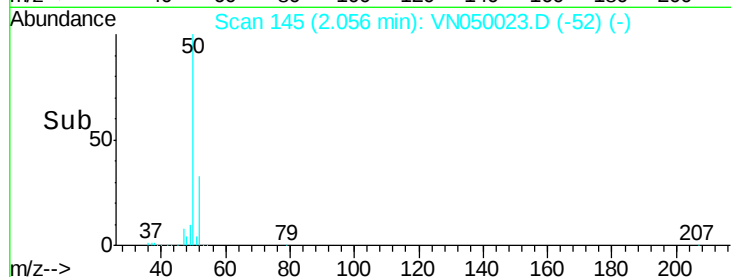
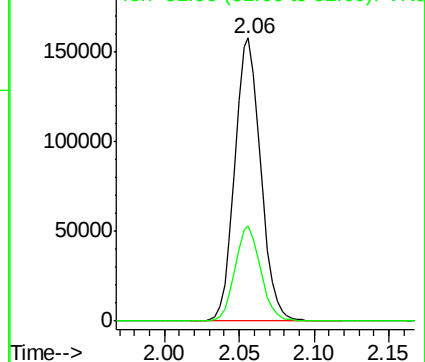
50 100

52 33.4 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: 19.98 ug/l

RT: 2.18 min Scan# 183

Delta R.T. 0.00 min

Lab File: VN050023.D

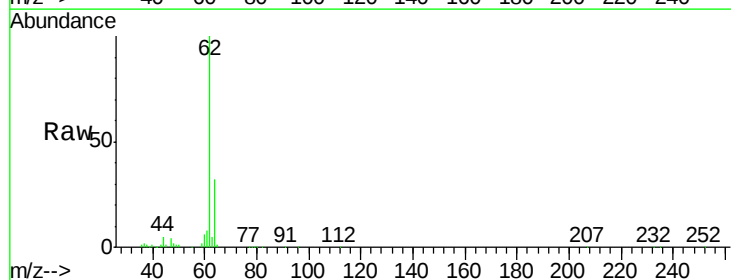
Acq: 24 Jul 2018 16:18

Tgt Ion: 62 Resp: 199744

Ion Ratio Lower Upper

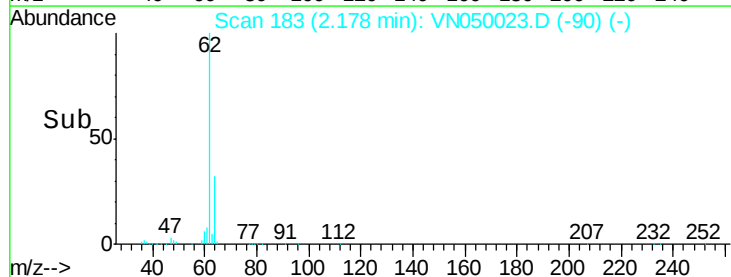
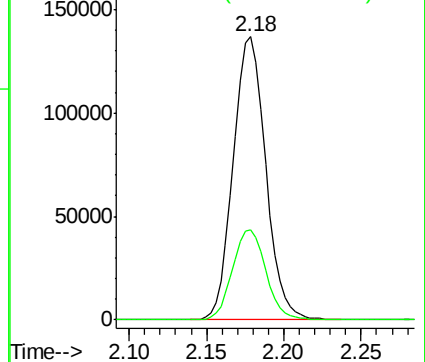
62 100

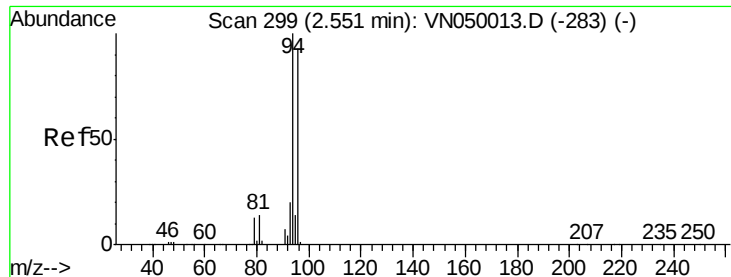
64 31.9 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 20.56 ug/l

RT: 2.56 min Scan# 302

Delta R.T. 0.01 min

Lab File: VN050023.D

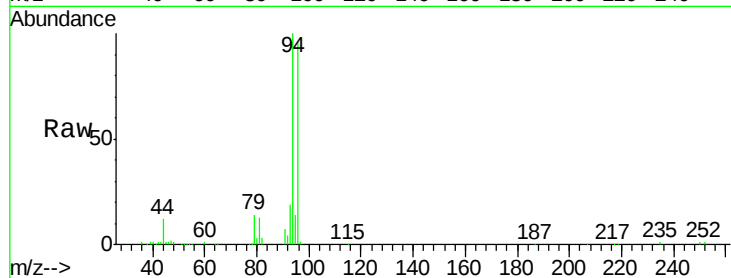
Acq: 24 Jul 2018 16:18

Tot Ion: 94 Resp: 117453

Ion Ratio Lower Upper

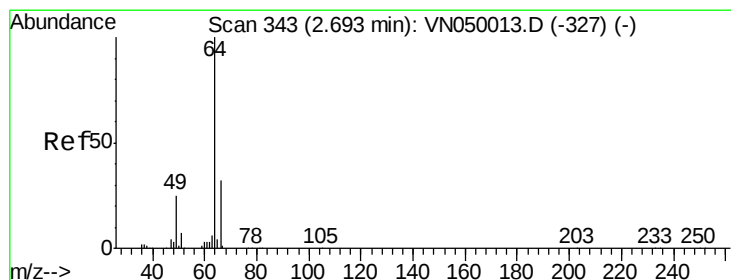
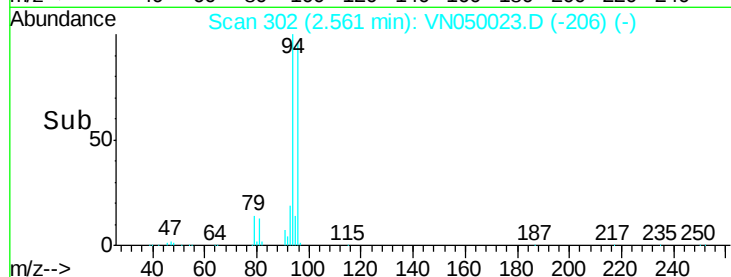
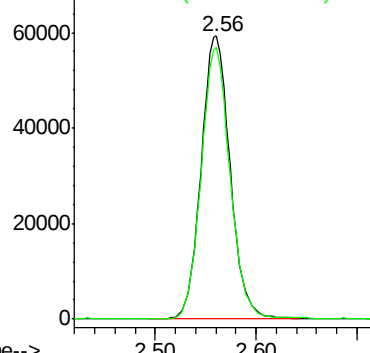
94 100

96 95.6 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.31 ug/l

RT: 2.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VN050023.D

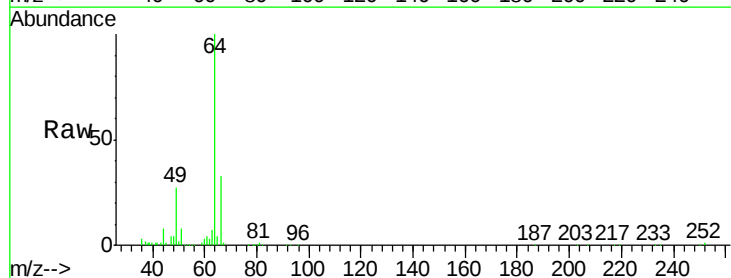
Acq: 24 Jul 2018 16:18

Tgt Ion: 64 Resp: 115932

Ion Ratio Lower Upper

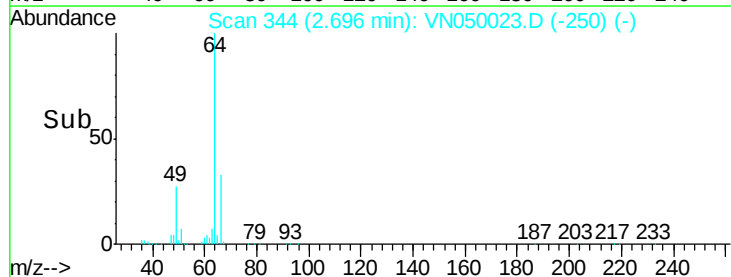
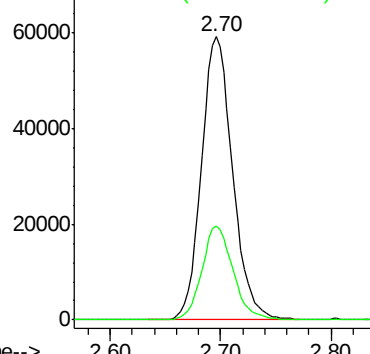
64 100

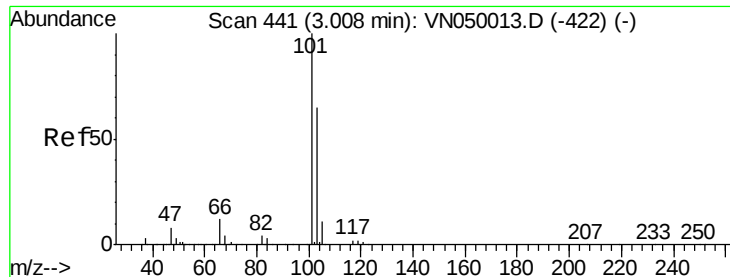
66 33.2 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

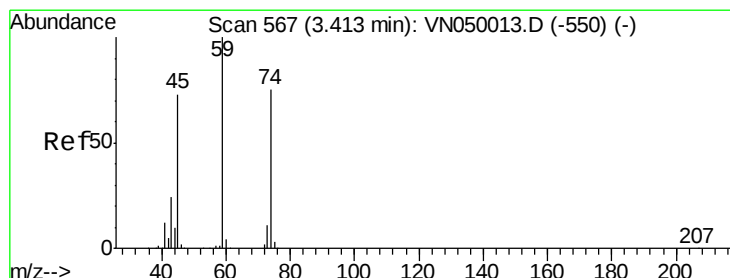
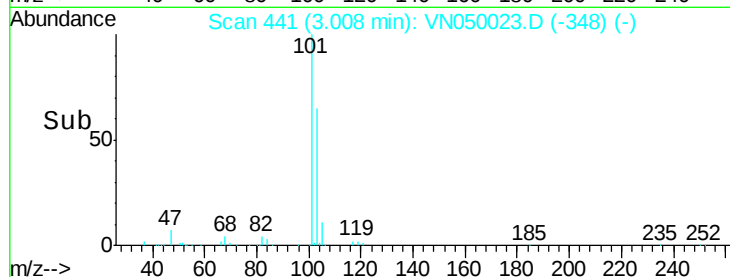
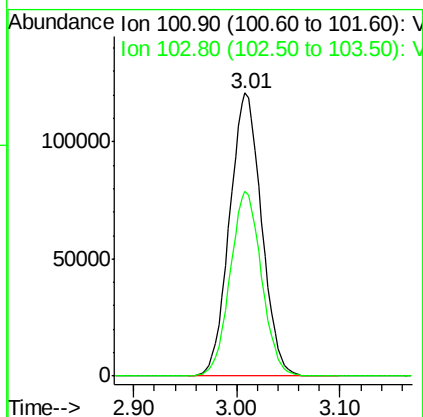
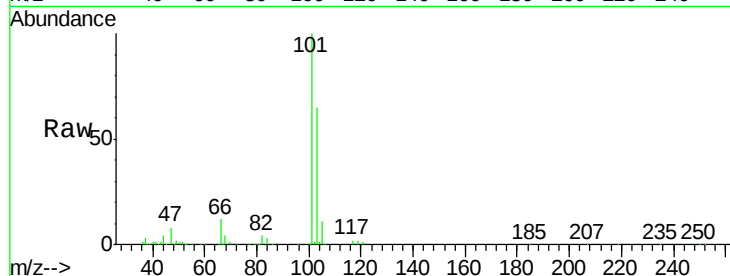




#7

Trichlorofluoromethane
Concen: 20.14 ug/l
RT: 3.01 min Scan# 441
Delta R.T. 0.00 min
Lab File: VN050023.D
Acq: 24 Jul 2018 16:18

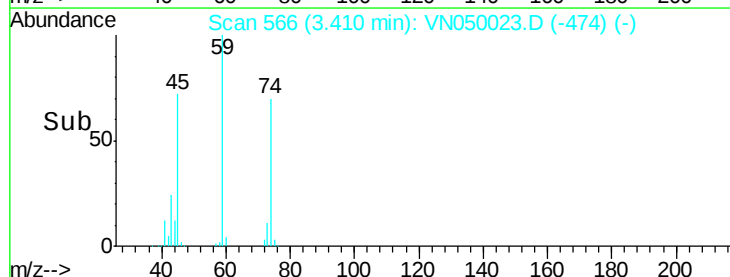
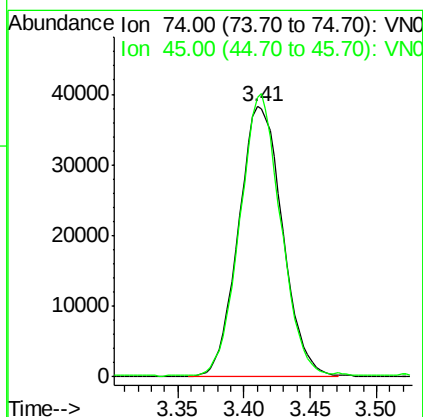
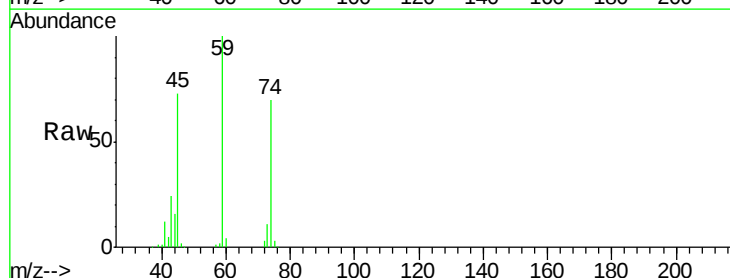
Tot Ion:101 Resp: 260890
Ion Ratio Lower Upper
101 100
103 65.4 51.7 77.5

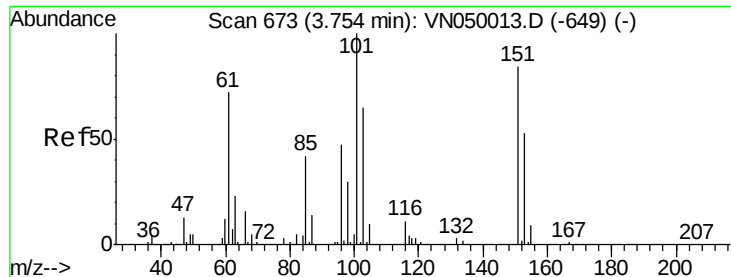


#8

Diethyl Ether
Concen: 20.46 ug/l
RT: 3.41 min Scan# 566
Delta R.T. -0.00 min
Lab File: VN050023.D
Acq: 24 Jul 2018 16:18

Tgt Ion: 74 Resp: 88332
Ion Ratio Lower Upper
74 100
45 96.9 47.6 142.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.95 ug/l

RT: 3.75 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN050023.D

Acq: 24 Jul 2018 16:18

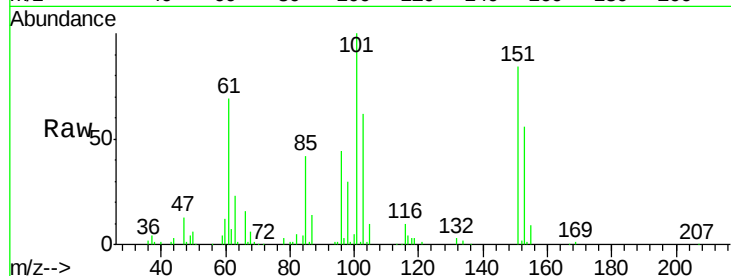
Tot Ion:101 Resp: 155394

Ion Ratio Lower Upper

101 100

85 42.4 34.2 51.2

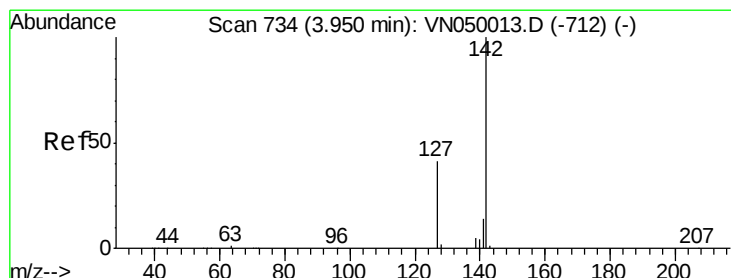
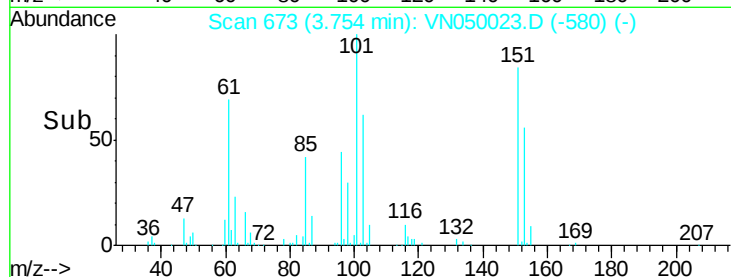
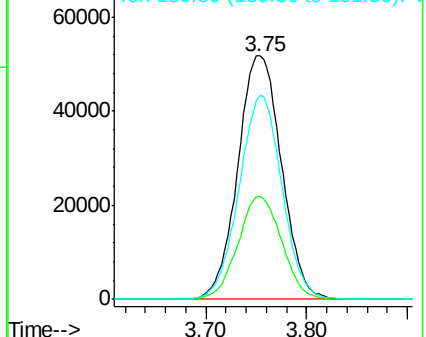
151 82.2 66.3 99.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN050023.D (-641) (-)

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.33 ug/l

RT: 3.95 min Scan# 734

Delta R.T. 0.00 min

Lab File: VN050023.D

Acq: 24 Jul 2018 16:18

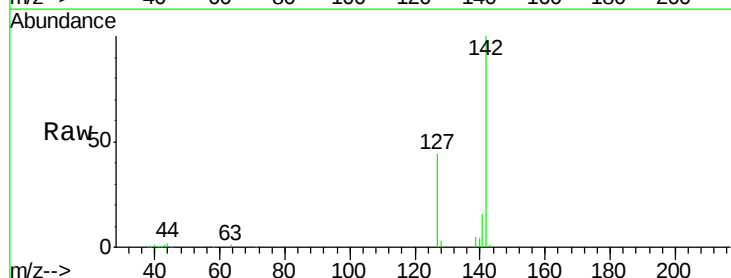
Tgt Ion:142 Resp: 193253

Ion Ratio Lower Upper

142 100

127 42.3 33.4 50.2

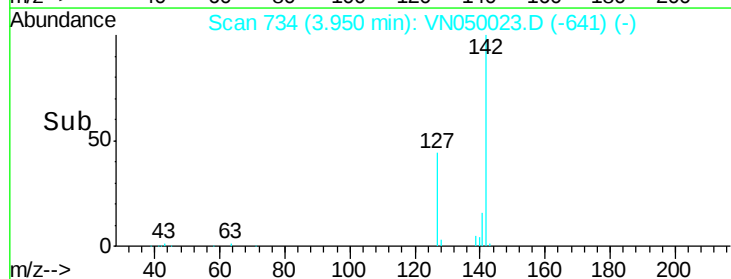
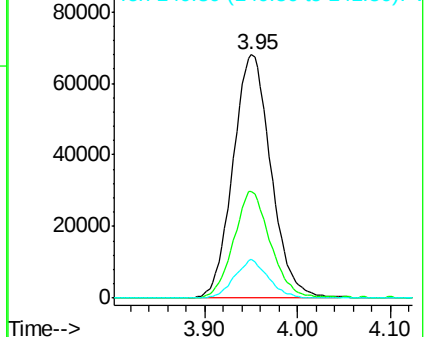
141 14.2 11.6 17.4

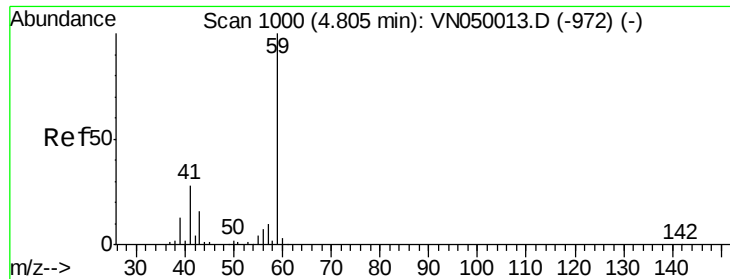


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

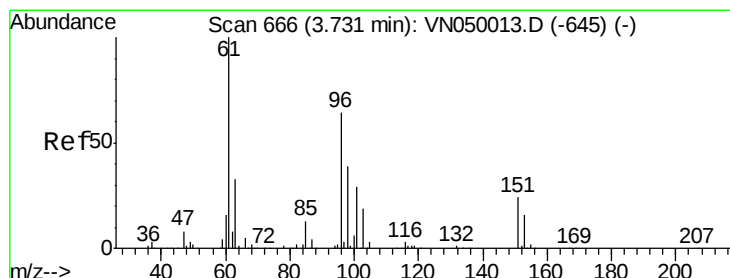
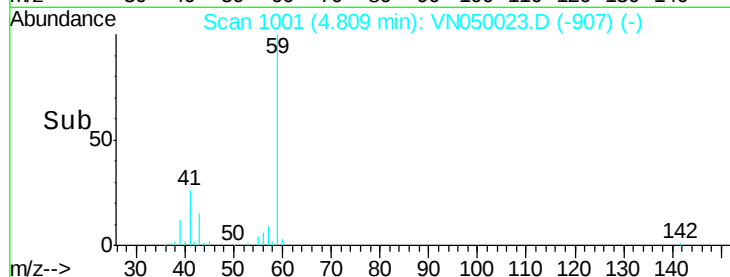
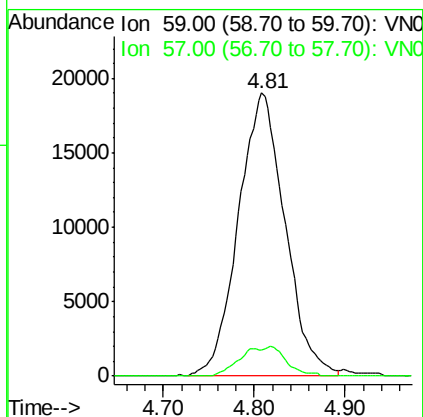
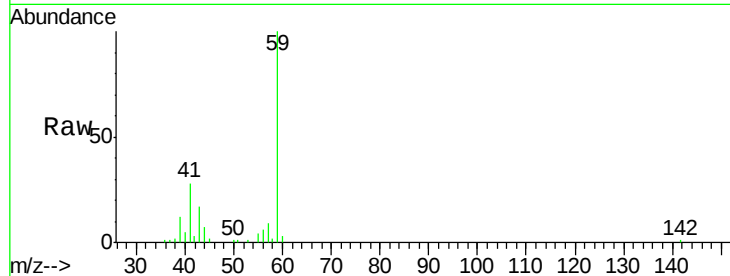
Ion 140.80 (140.50 to 141.50): V





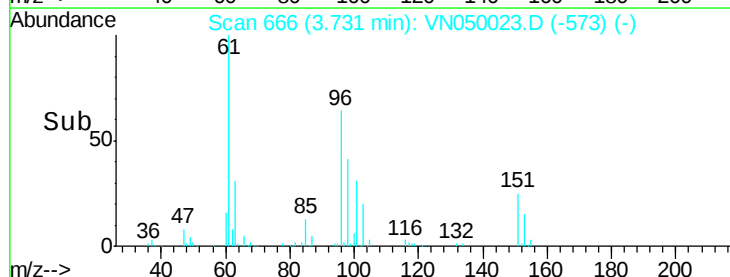
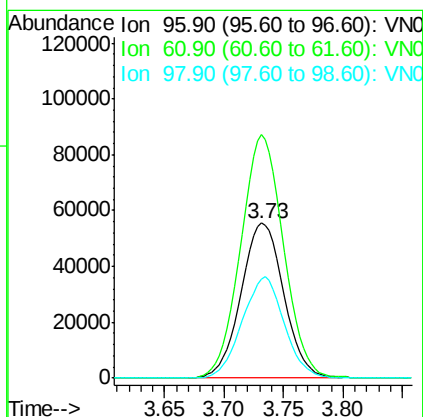
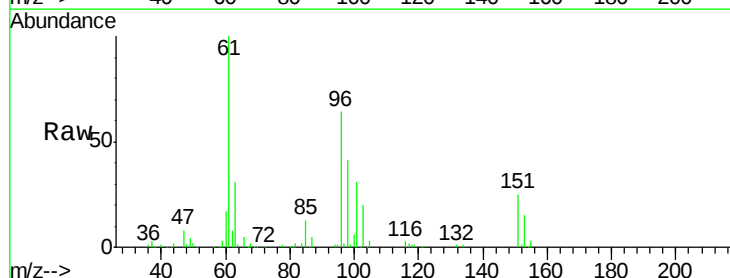
#11
Tert butyl alcohol
Concen: 108.32 ug/l
RT: 4.81 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN050023.D
Acq: 24 Jul 2018 16:18

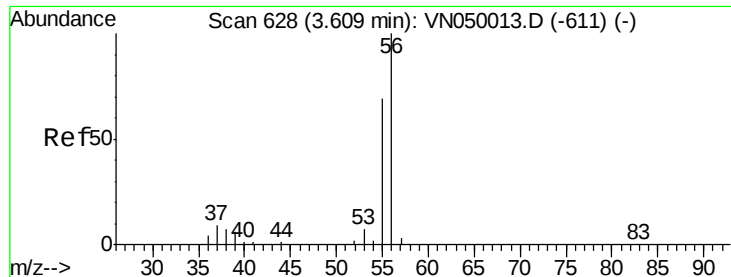
Tot Ion: 59 Resp: 67605
Ion Ratio Lower Upper
59 100
57 5.2 8.5 12.7#



#12
1,1-Dichloroethene
Concen: 19.74 ug/l
RT: 3.73 min Scan# 666
Delta R.T. 0.00 min
Lab File: VN050023.D
Acq: 24 Jul 2018 16:18

Tgt Ion: 96 Resp: 138319
Ion Ratio Lower Upper
96 100
61 157.1 124.4 186.6
98 64.2 48.3 72.5





#13

Acrolein

Concen: 95.84 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN050023.D

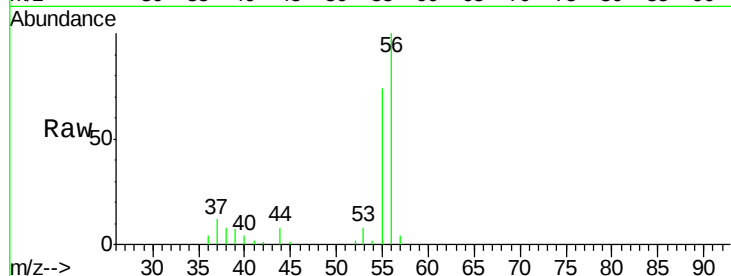
Acq: 24 Jul 2018 16:18

Tot Ion: 56 Resp: 48059

Ion Ratio Lower Upper

56 100

55 73.2 55.8 83.6



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.61

20000

15000

10000

5000

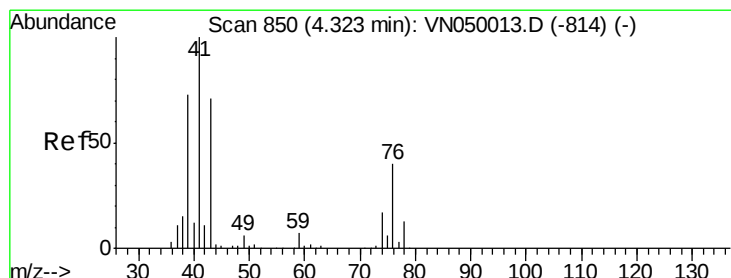
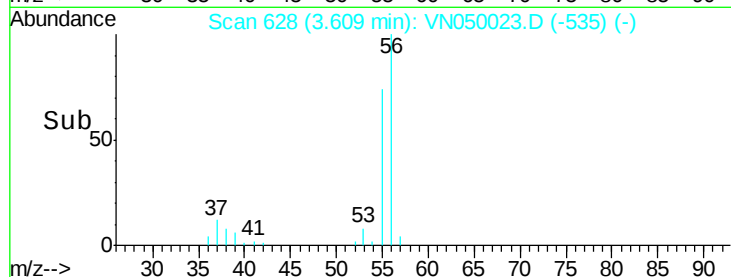
0

Time-->

3.50

3.60

3.70



#14

Allyl chloride

Concen: 20.32 ug/l

RT: 4.32 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN050023.D

Acq: 24 Jul 2018 16:18

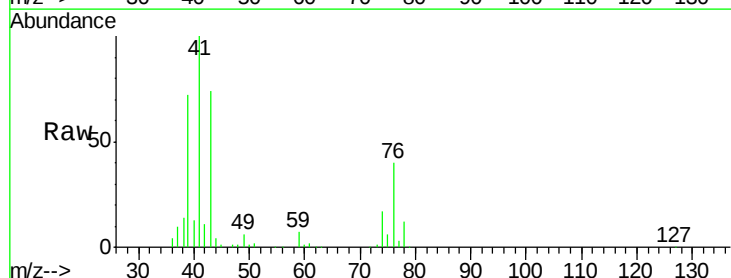
Tgt Ion: 41 Resp: 220751

Ion Ratio Lower Upper

41 100

39 67.0 54.2 81.4

76 35.9 29.0 43.6



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

4.32

100000

80000

60000

40000

20000

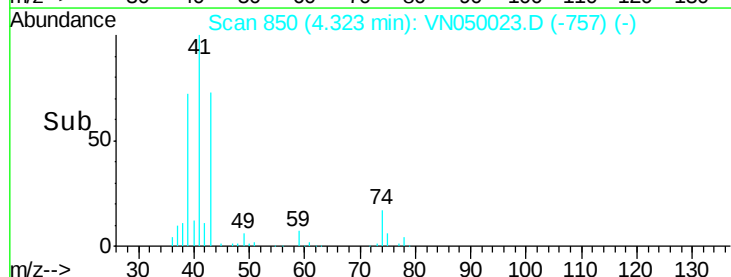
0

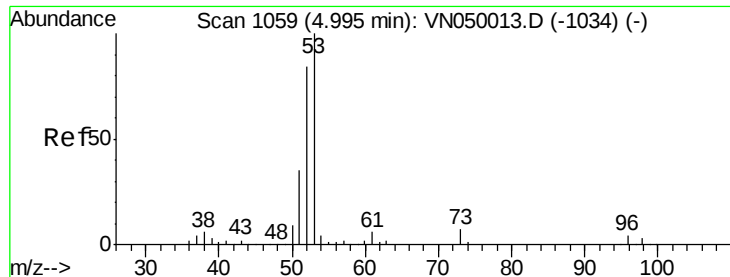
Time-->

4.20

4.30

4.40





#15

Acrylonitrile

Concen: 105.20 ug/l

RT: 5.00 min Scan# 1059

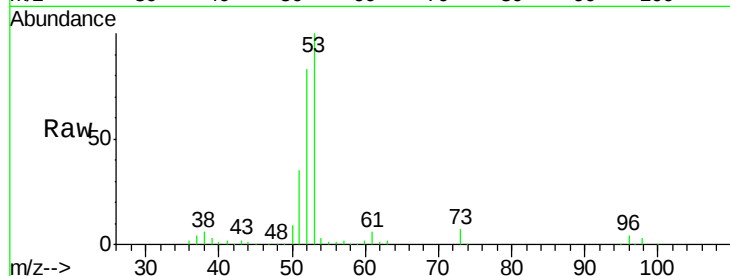
Delta R.T. 0.00 min

Lab File: VN050023.D

Acq: 24 Jul 2018 16:18

Tot Ion: 53 Resp: 286449

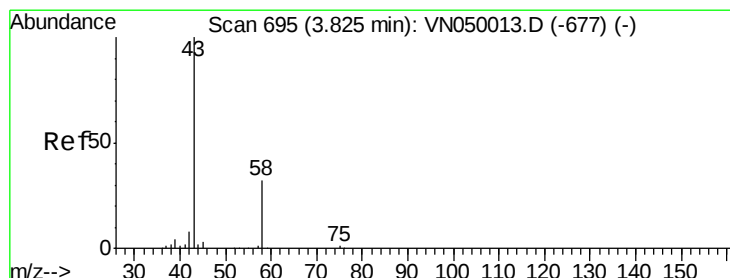
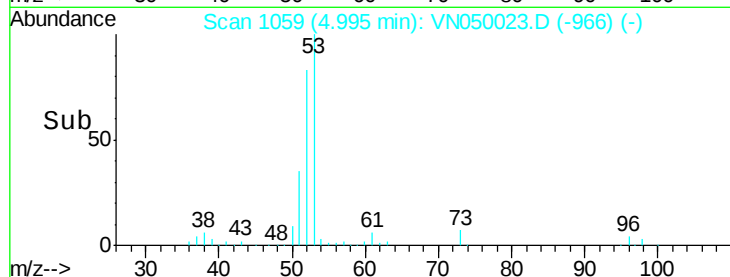
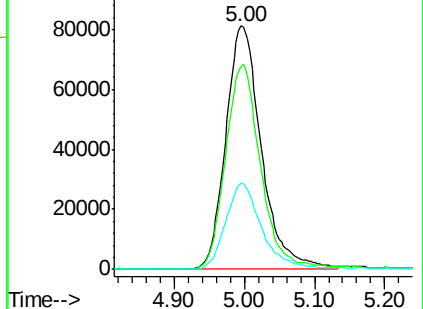
Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.2	99.2
51	35.8	29.3	43.9



Abundance Ion 53.00 (52.70 to 53.70): VN050013.D (-1034) (-)

Ion 52.00 (51.70 to 52.70): VN050013.D (-1034) (-)

Ion 51.00 (50.70 to 51.70): VN050013.D (-1034) (-)



#16

Acetone

Concen: 116.43 ug/l

RT: 3.82 min Scan# 695

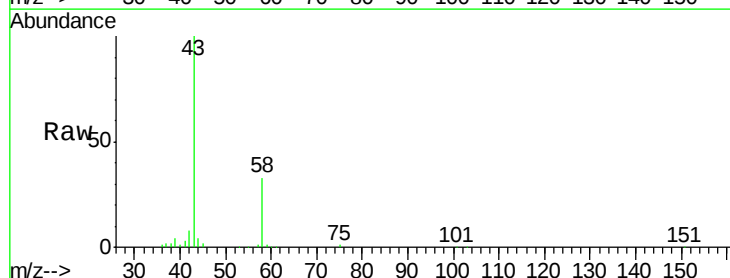
Delta R.T. 0.00 min

Lab File: VN050023.D

Acq: 24 Jul 2018 16:18

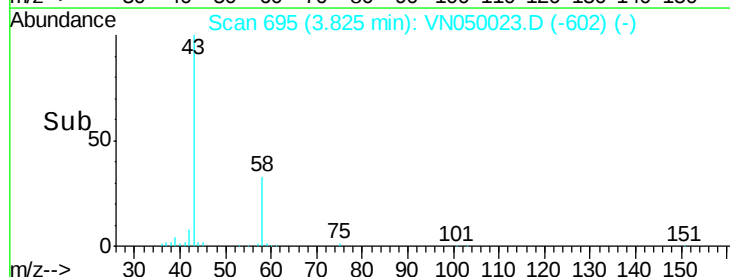
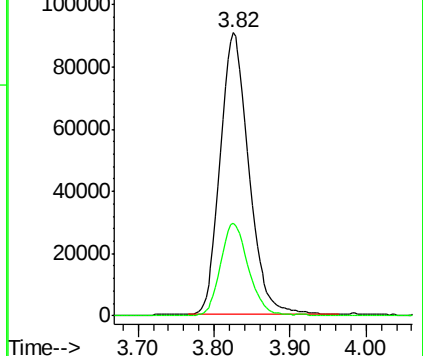
Tgt Ion: 43 Resp: 237252

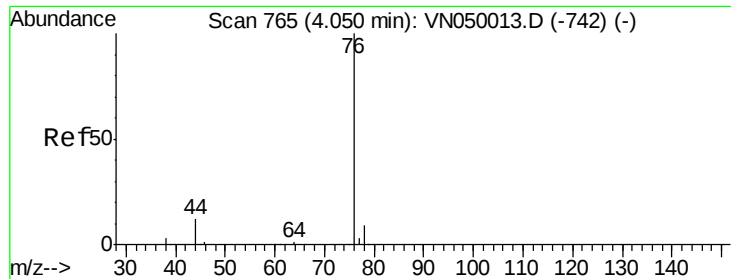
Ion	Ratio	Lower	Upper
43	100		
58	32.9	25.8	38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050013.D (-677) (-)

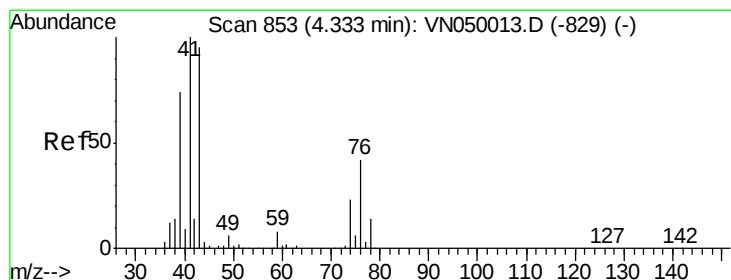
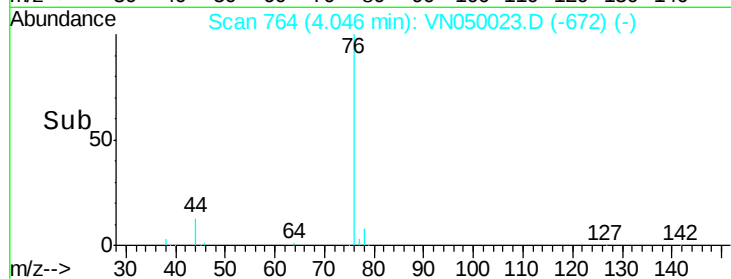
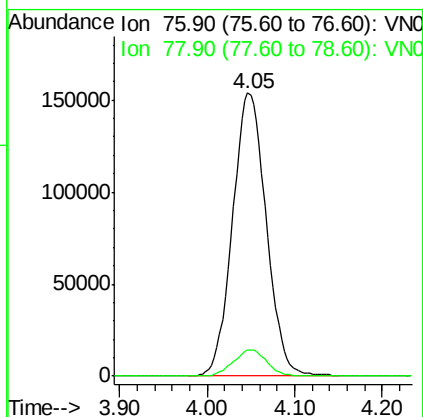
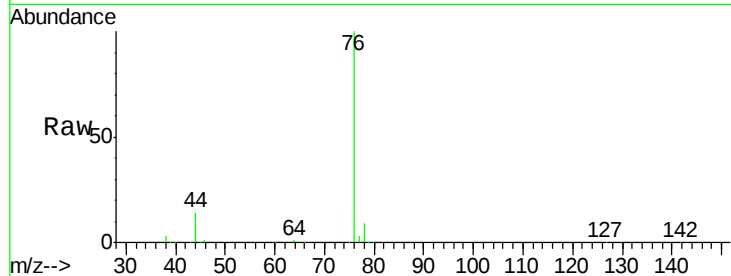
Ion 58.00 (57.70 to 58.70): VN050013.D (-677) (-)





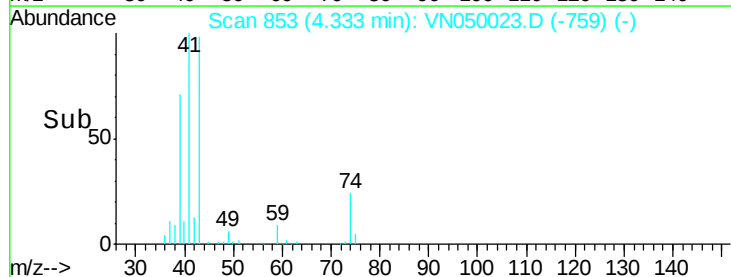
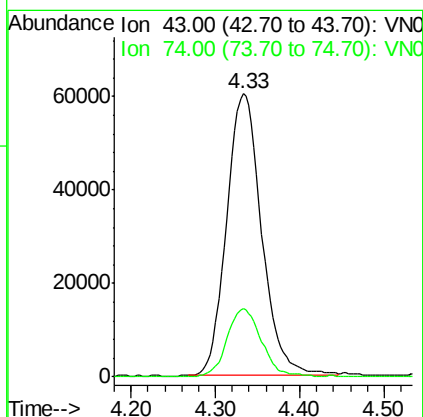
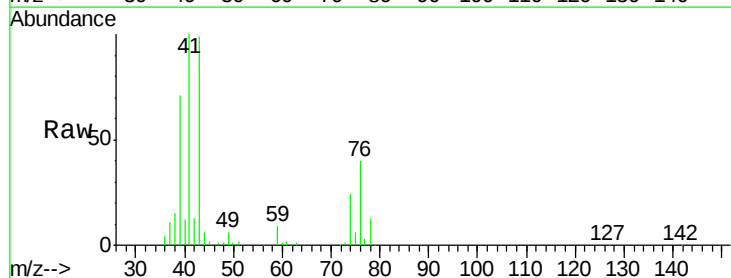
#17
Carbon Disulfide
Concen: 19.16 ug/l
RT: 4.05 min Scan# 764
Delta R.T. -0.00 min
Lab File: VN050023.D
Acq: 24 Jul 2018 16:18

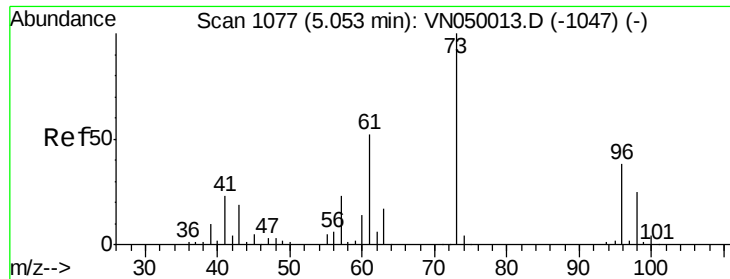
Tot Ion: 76 Resp: 411209
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 21.59 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN050023.D
Acq: 24 Jul 2018 16:18

Tgt Ion: 43 Resp: 175006
Ion Ratio Lower Upper
43 100
74 23.9 19.2 28.8

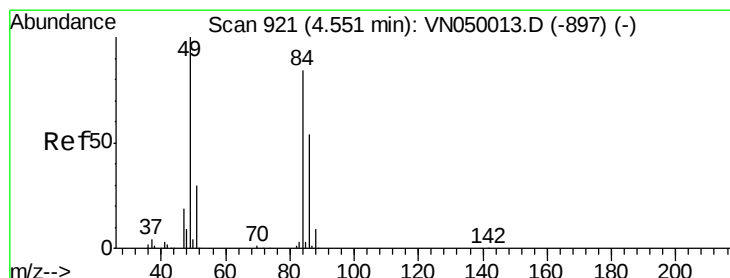
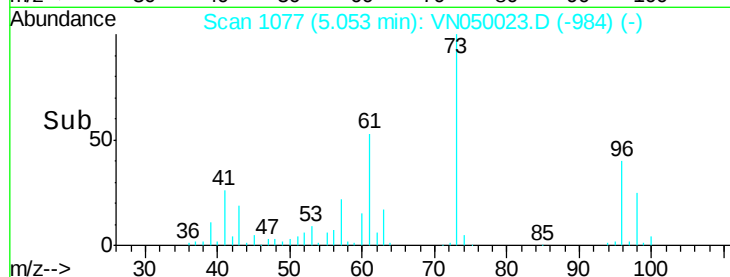
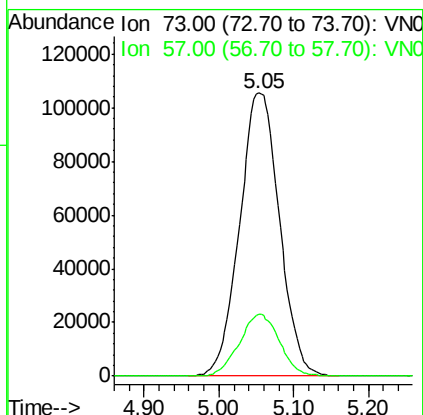
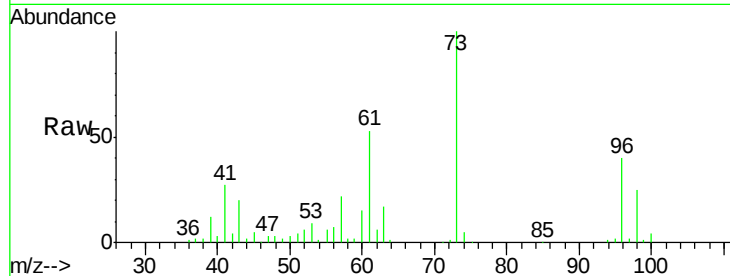




#19

Methyl tert-butyl Ether
 Concen: 20.92 ug/l
 RT: 5.05 min Scan# 1077
 Delta R.T. 0.00 min
 Lab File: VN050023.D
 Acq: 24 Jul 2018 16:18

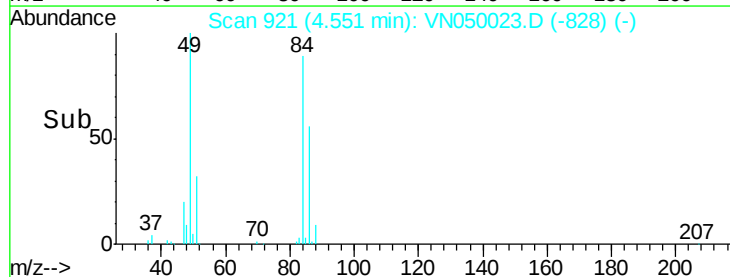
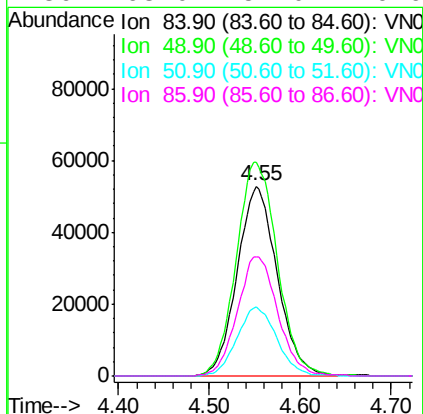
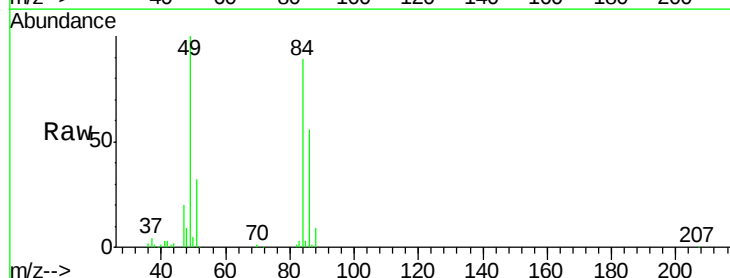
Tot Ion: 73 Resp: 390622
 Ion Ratio Lower Upper
 73 100
 57 21.9 18.0 27.0

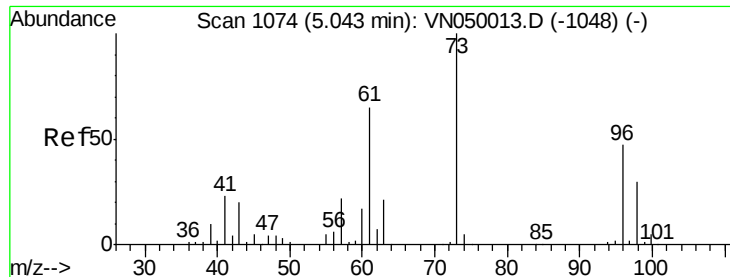


#20

Methylene Chloride
 Concen: 20.71 ug/l
 RT: 4.55 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VN050023.D
 Acq: 24 Jul 2018 16:18

Tgt Ion: 84 Resp: 161266
 Ion Ratio Lower Upper
 84 100
 49 112.7 94.8 142.2
 51 36.2 28.3 42.5
 86 63.0 51.0 76.6

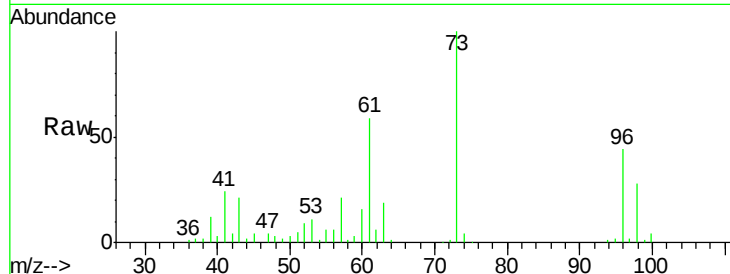




#21

trans-1,2-Dichloroethene
Concen: 19.91 ug/l
RT: 5.05 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VN050023.D
Acq: 24 Jul 2018 16:18

Tot Ion	96	Resp	147848
Ion	Ratio	Lower	Upper
96	100		
61	134.9	110.7	166.1
98	63.2	51.6	77.4

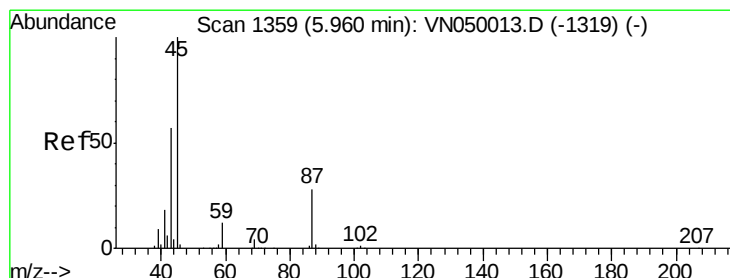
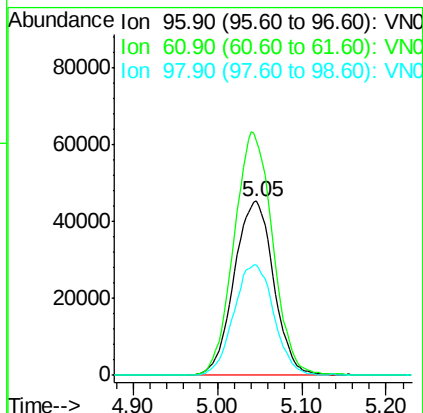
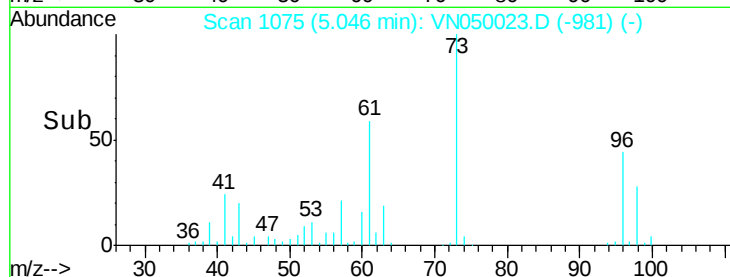


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

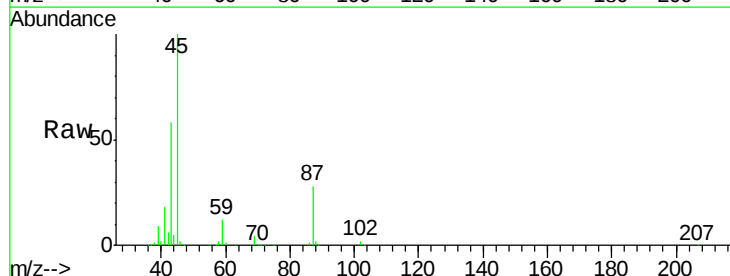
Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether
Concen: 21.29 ug/l
RT: 5.96 min Scan# 1360
Delta R.T. 0.00 min
Lab File: VN050023.D
Acq: 24 Jul 2018 16:18

Tgt Ion	45	Resp	458565
Ion	Ratio	Lower	Upper
45	100		
43	56.5	45.7	68.5
87	28.1	22.7	34.1
59	11.3	9.5	14.3



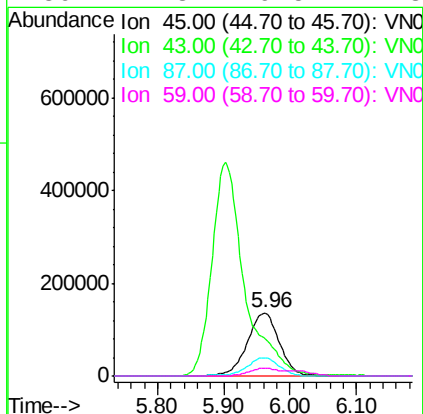
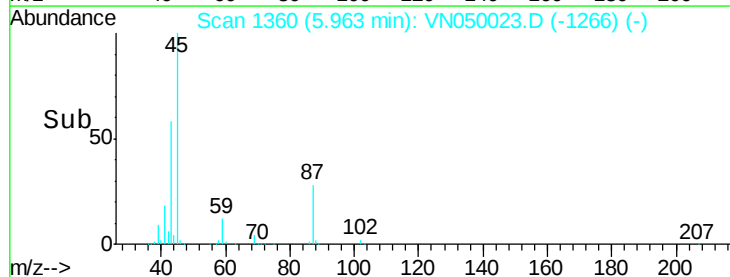
Abundance

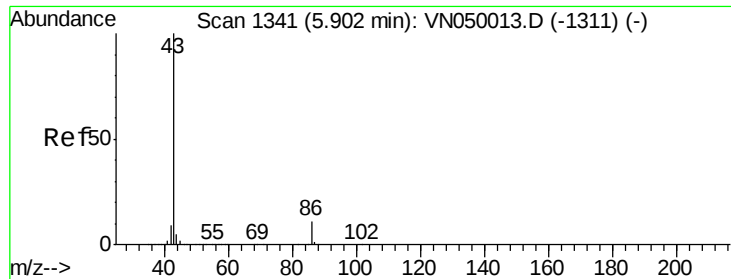
Ion 45.00 (44.70 to 45.70): VN0

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: 104.02 ug/l

RT: 5.90 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VN050023.D

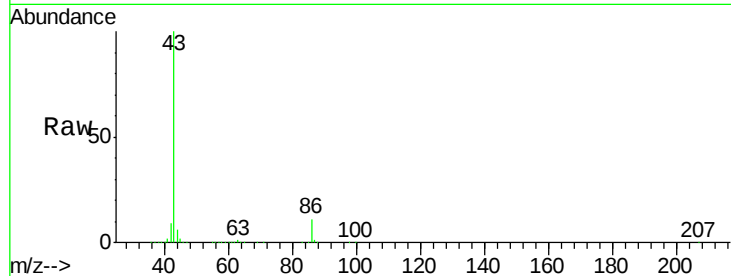
Acq: 24 Jul 2018 16:18

Tot Ion: 43 Resp: 1583638

Ion Ratio Lower Upper

43 100

86 10.6 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN050013.D (-1311) (-)

Ion 86.00 (85.70 to 86.70): VN050013.D (-1311) (-)

5.90

400000

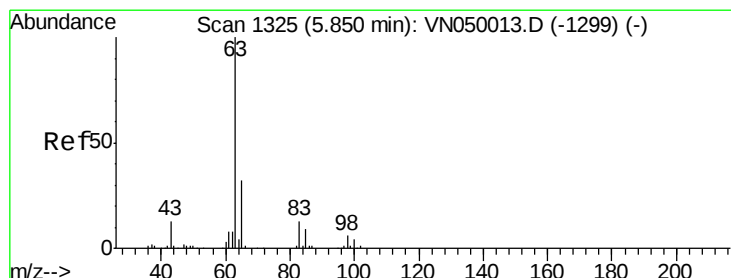
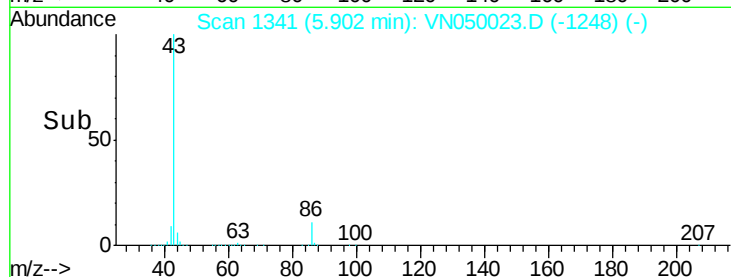
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.75 ug/l

RT: 5.85 min Scan# 1326

Delta R.T. 0.00 min

Lab File: VN050023.D

Acq: 24 Jul 2018 16:18

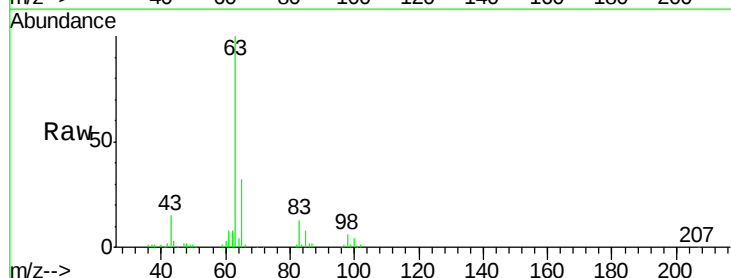
Tgt Ion: 63 Resp: 278278

Ion Ratio Lower Upper

63 100

98 6.1 3.3 9.8

100 4.5 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VN050013.D (-1299) (-)

Ion 97.90 (97.60 to 98.60): VN050013.D (-1299) (-)

Ion 99.90 (99.60 to 100.60): VN050013.D (-1299) (-)

120000

100000

80000

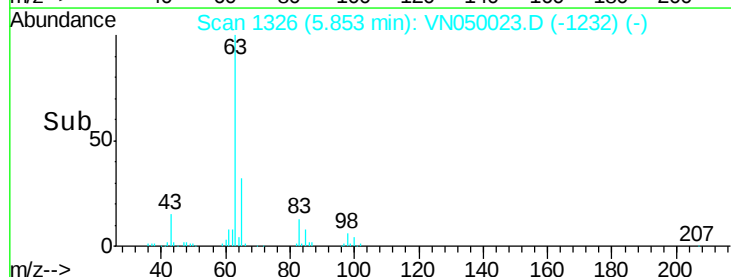
60000

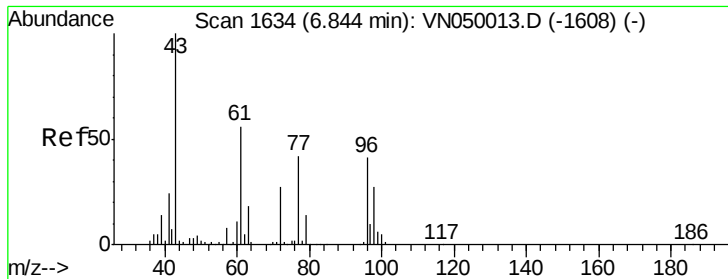
40000

20000

0

Time-->





#25

2-Butanone

Concen: 108.70 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VN050023.D

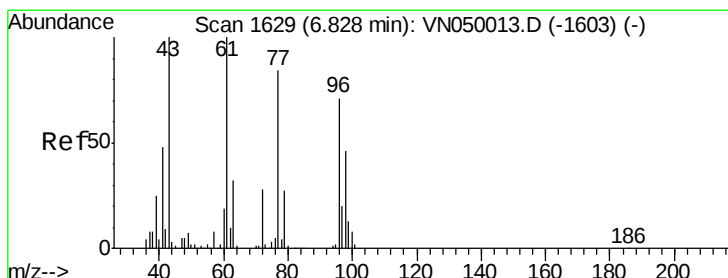
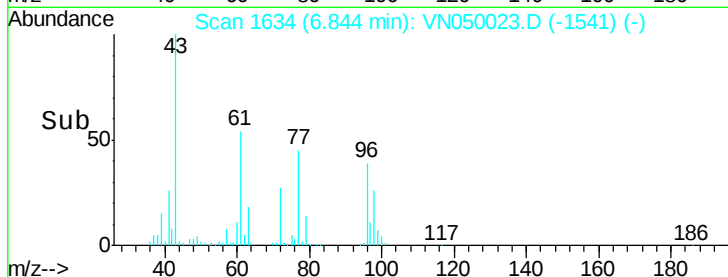
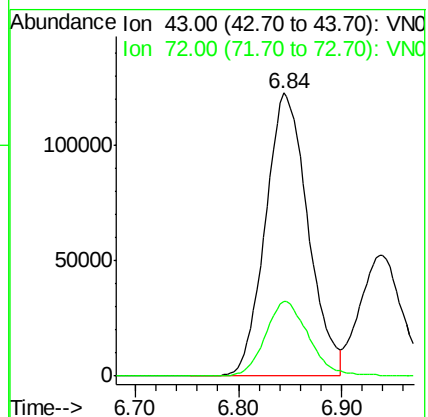
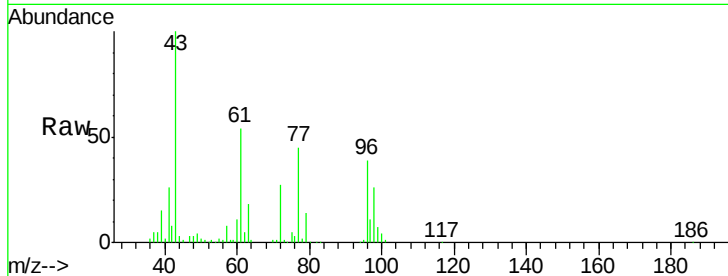
Acq: 24 Jul 2018 16:18

Tot Ion: 43 Resp: 351668

Ion Ratio Lower Upper

43 100

72 26.6 21.5 32.3



#26

2,2-Dichloropropane

Concen: 21.26 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VN050023.D

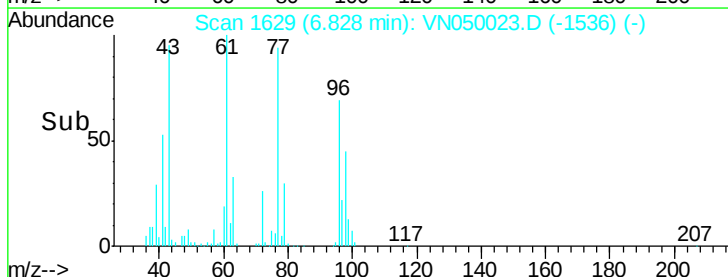
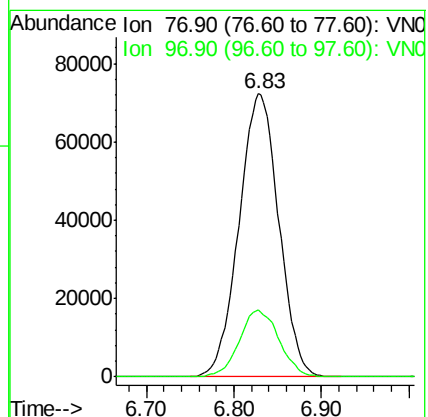
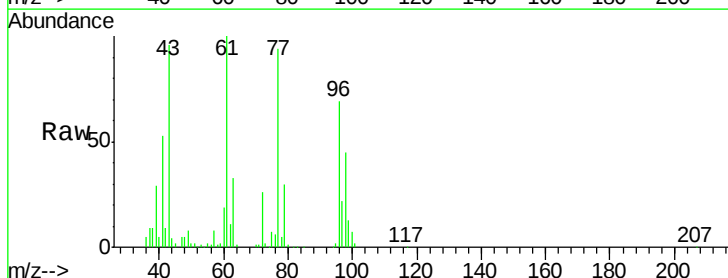
Acq: 24 Jul 2018 16:18

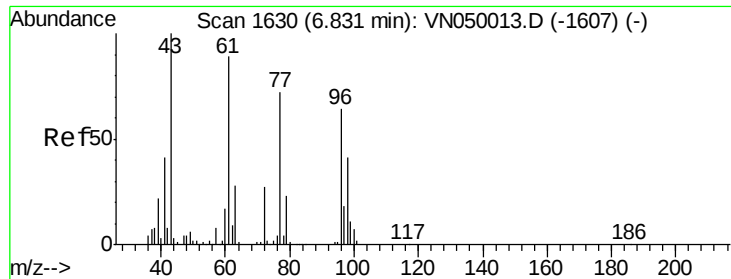
Tgt Ion: 77 Resp: 227826

Ion Ratio Lower Upper

77 100

97 23.6 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 20.35 ug/l

RT: 6.83 min Scan# 1631

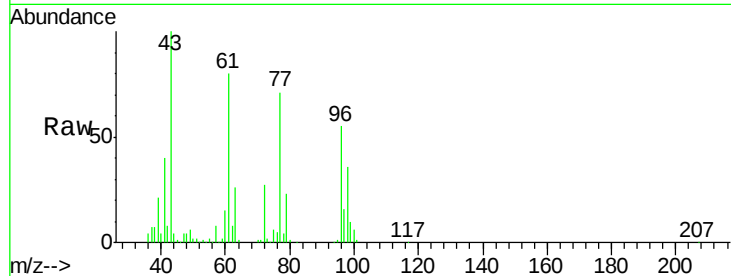
Delta R.T. 0.00 min

Lab File: VN050023.D

Acq: 24 Jul 2018 16:18

Tot Ion: 96 Resp: 162617

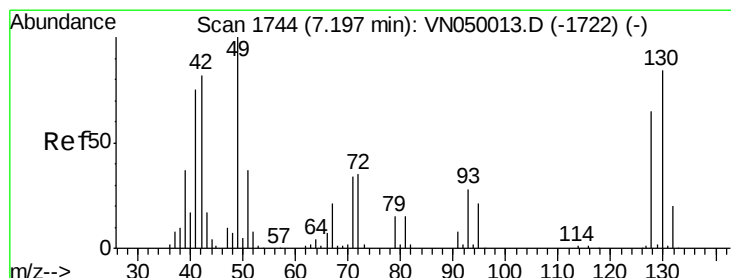
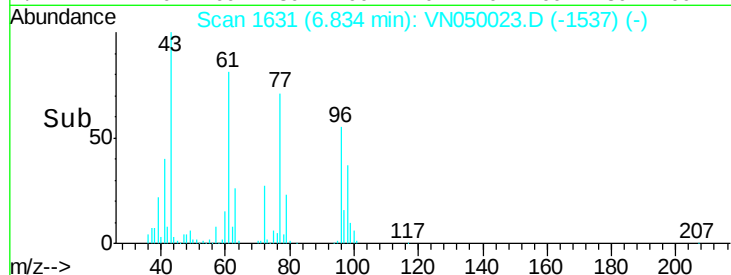
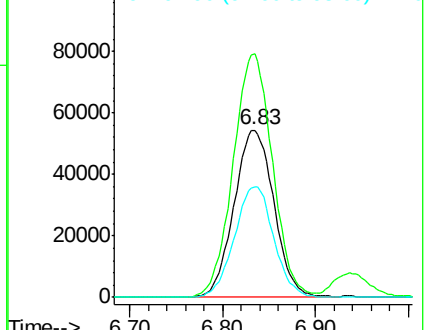
Ion	Ratio	Lower	Upper
96	100		
61	143.2	0.0	285.0
98	65.1	0.0	129.2



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: 20.30 ug/l

RT: 7.20 min Scan# 1745

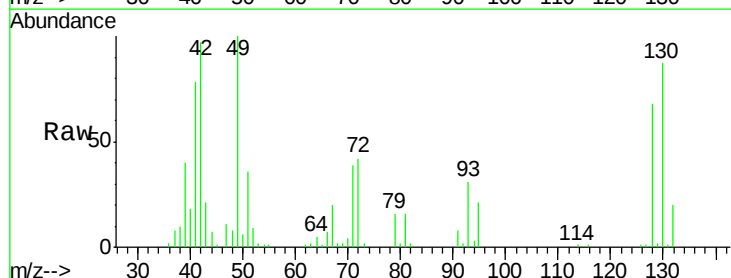
Delta R.T. 0.00 min

Lab File: VN050023.D

Acq: 24 Jul 2018 16:18

Tgt Ion: 49 Resp: 130448

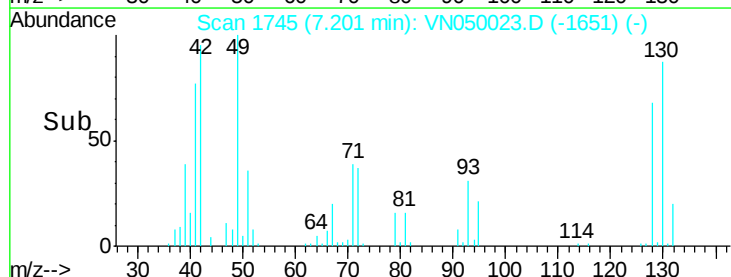
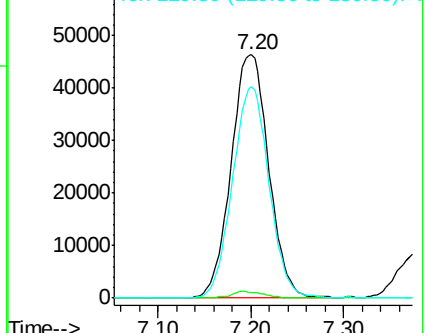
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.0
130	84.6	66.3	99.5

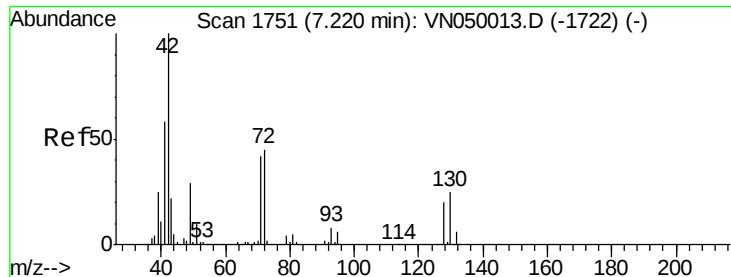


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 109.54 ug/l

RT: 7.22 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VN050023.D

Acq: 24 Jul 2018 16:18

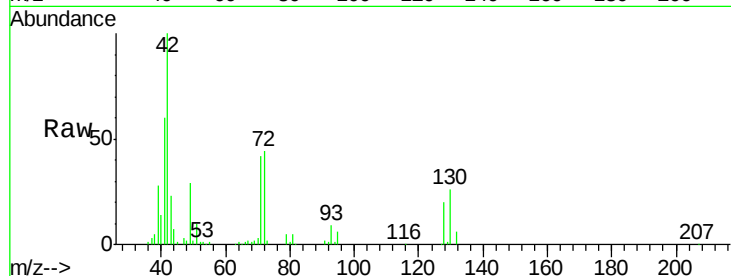
Tot Ion: 42 Resp: 228998

Ion Ratio Lower Upper

42 100

72 44.1 35.9 53.9

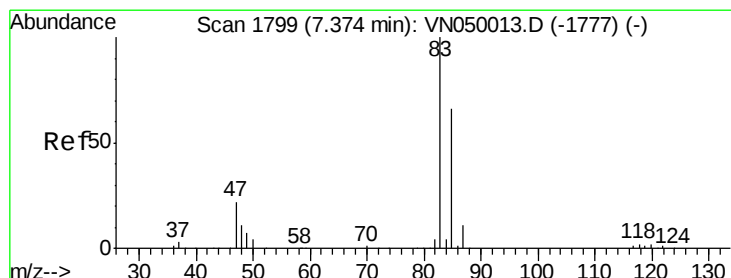
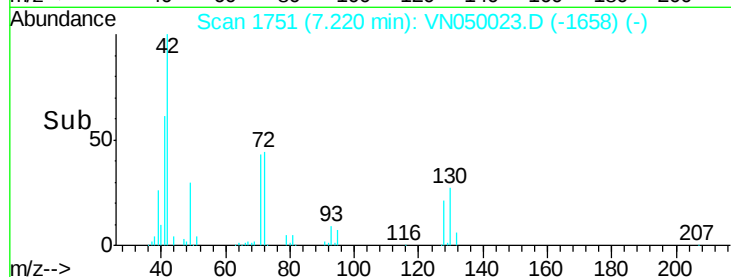
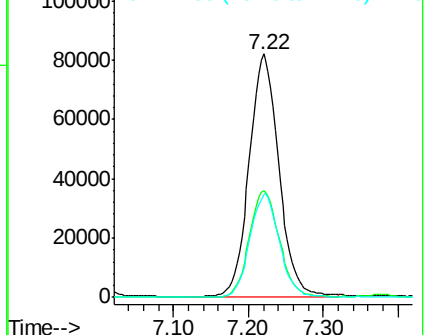
71 41.9 33.7 50.5



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: 20.06 ug/l

RT: 7.38 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN050023.D

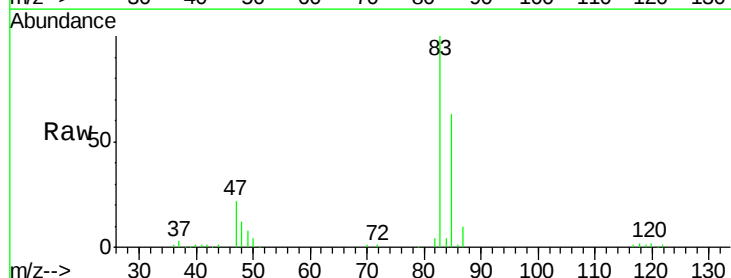
Acq: 24 Jul 2018 16:18

Tgt Ion: 83 Resp: 288392

Ion Ratio Lower Upper

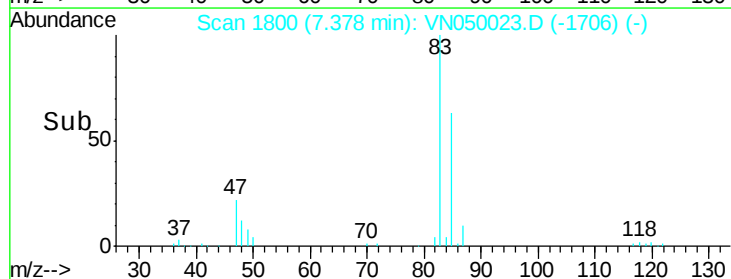
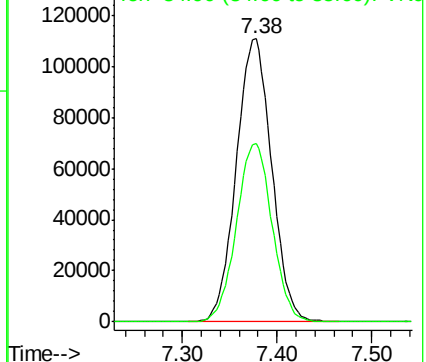
83 100

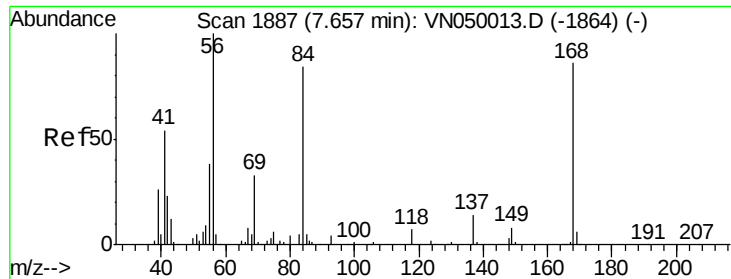
85 63.0 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

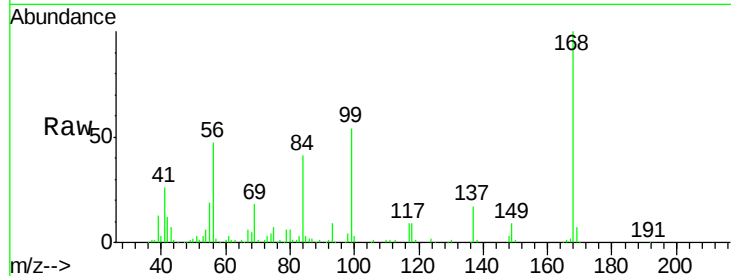
Ion 84.90 (84.60 to 85.60): VN0



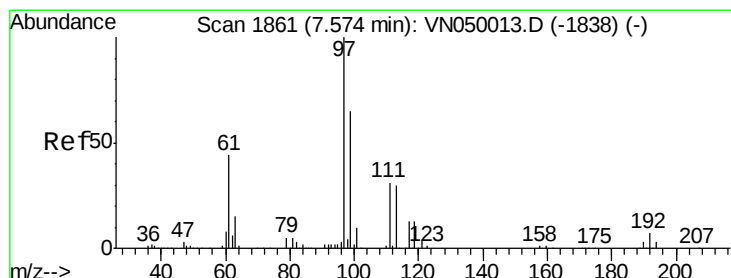
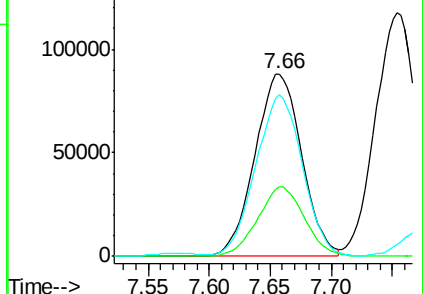
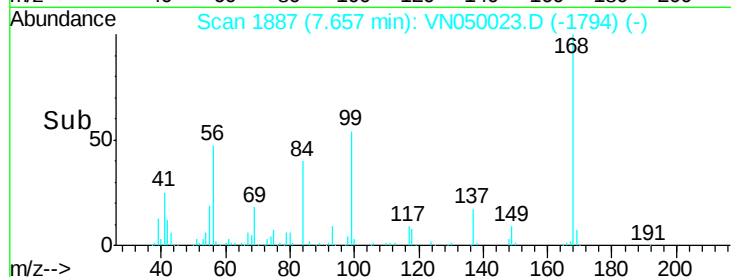


#31
Cyclohexane
Concen: 20.04 ug/l
RT: 7.66 min Scan# 1887
Delta R.T. 0.00 min
Lab File: VN050023.D
Acq: 24 Jul 2018 16:18

Tot Ion: 56 Resp: 234629
Ion Ratio Lower Upper
56 100
69 37.8 26.2 39.4
84 86.7 67.4 101.0

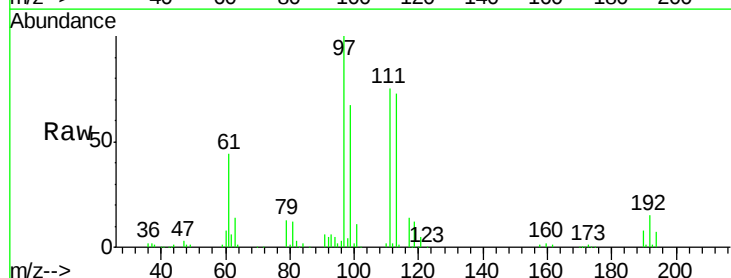


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

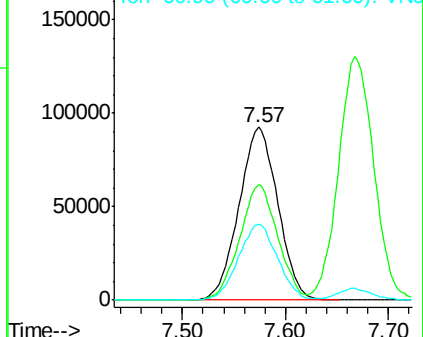
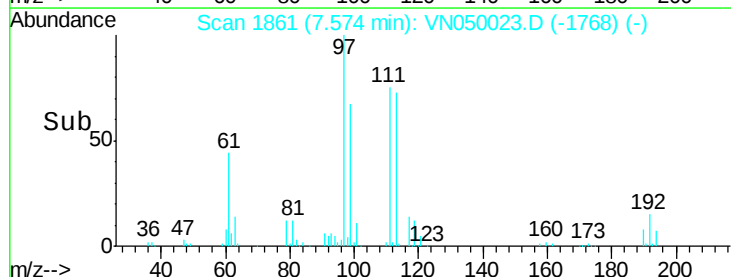


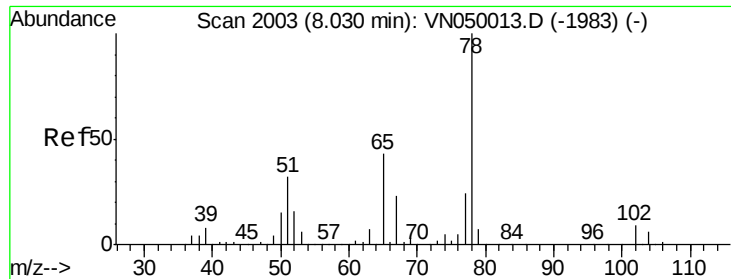
#32
1,1,1-Trichloroethane
Concen: 19.71 ug/l
RT: 7.57 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VN050023.D
Acq: 24 Jul 2018 16:18

Tgt Ion: 97 Resp: 242396
Ion Ratio Lower Upper
97 100
99 65.6 51.4 77.0
61 44.3 35.4 53.0



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: 50.02 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050023.D

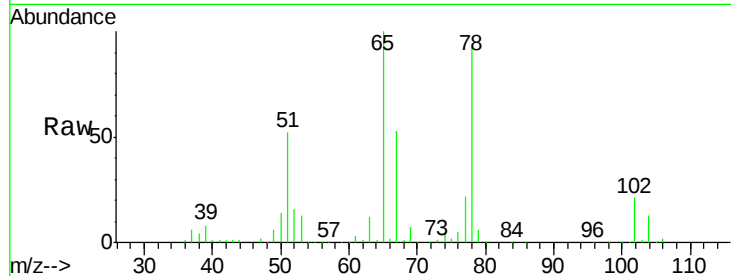
Acq: 24 Jul 2018 16:18

Tot Ion: 65 Resp: 424242

Ion Ratio Lower Upper

65 100

67 53.3 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN050013.D (-1983) (-)

Ion 66.90 (66.60 to 67.60): VN050013.D (-1983) (-)

8.03

200000

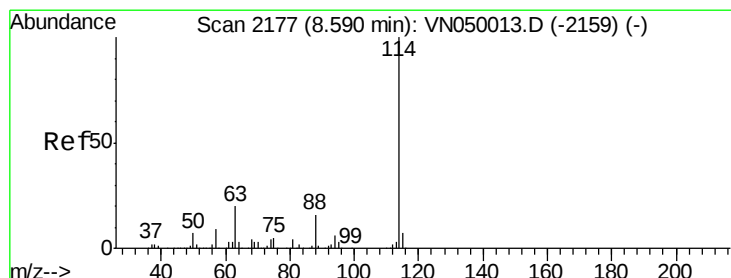
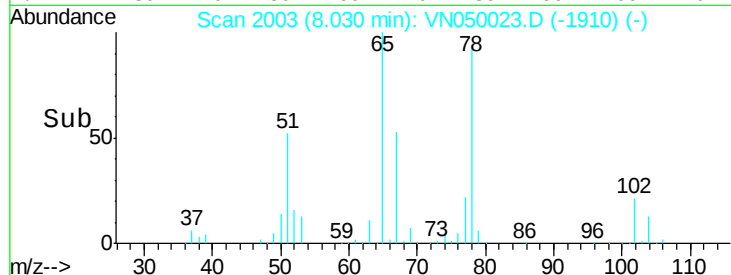
150000

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: VN050023.D

Acq: 24 Jul 2018 16:18

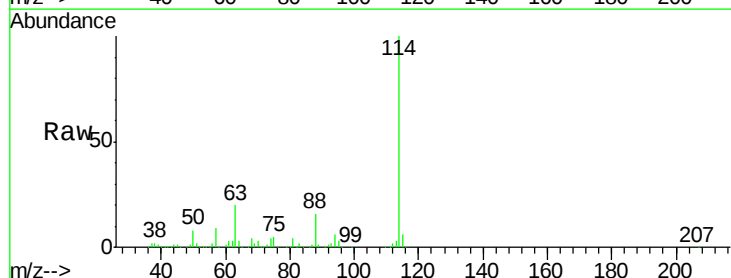
Tgt Ion: 114 Resp: 901437

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.0

88 15.9 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): VN050013.D (-2159) (-)

Ion 63.00 (62.70 to 63.70): VN050013.D (-2159) (-)

Ion 87.90 (87.60 to 88.60): VN050013.D (-2159) (-)

8.59

600000

500000

400000

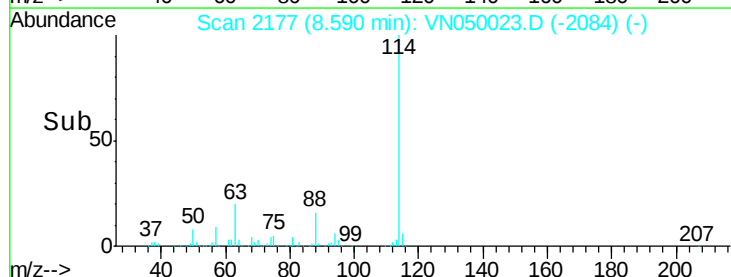
300000

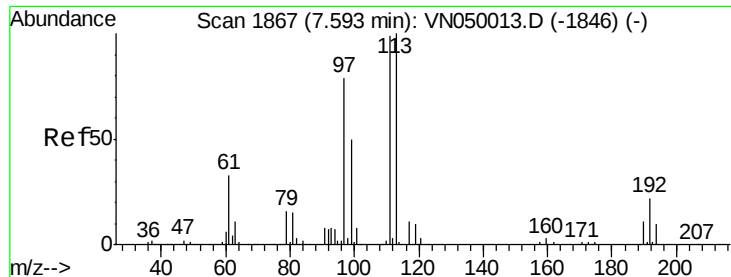
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 50.68 ug/l

RT: 7.60 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VN050023.D

Acq: 24 Jul 2018 16:18

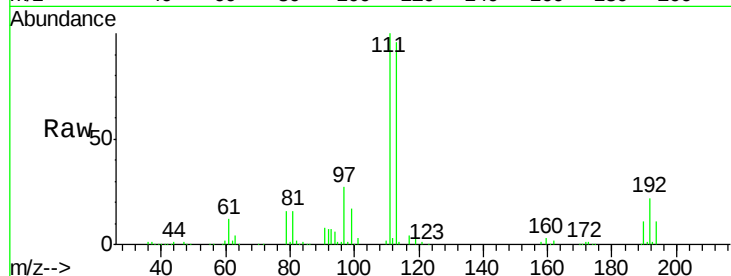
Tot Ion:113 Resp: 373000

Ion Ratio Lower Upper

113 100

111 102.1 80.7 121.1

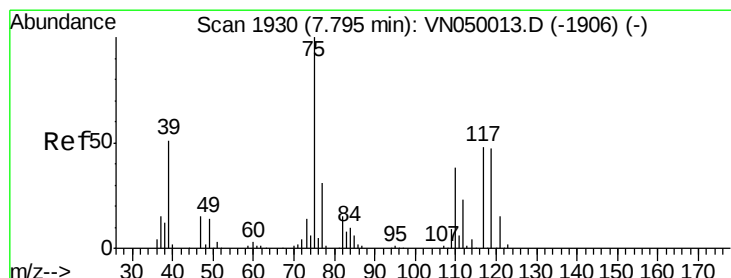
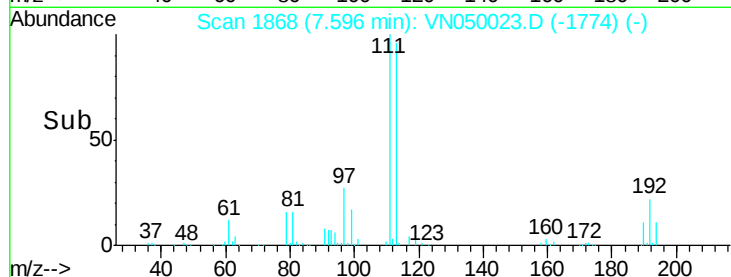
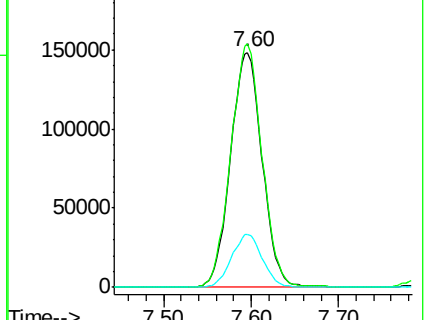
192 21.9 17.8 26.6



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: 20.69 ug/l

RT: 7.80 min Scan# 1930

Delta R.T. 0.00 min

Lab File: VN050023.D

Acq: 24 Jul 2018 16:18

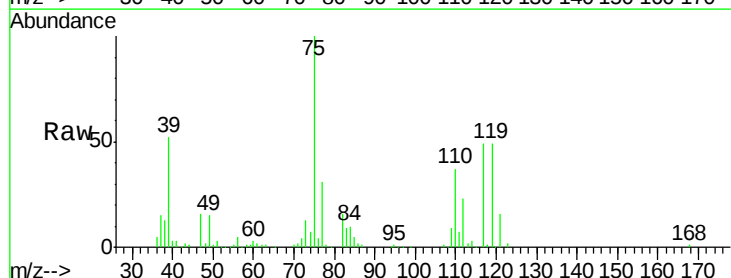
Tgt Ion: 75 Resp: 210109

Ion Ratio Lower Upper

75 100

110 36.5 18.4 55.2

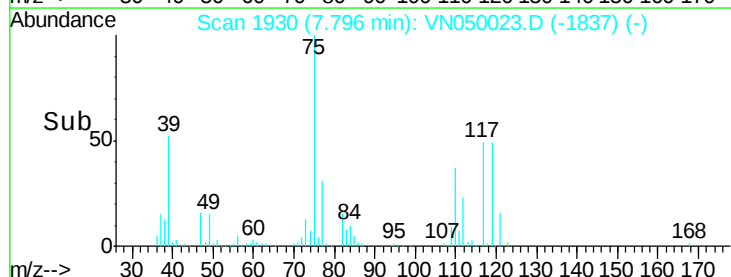
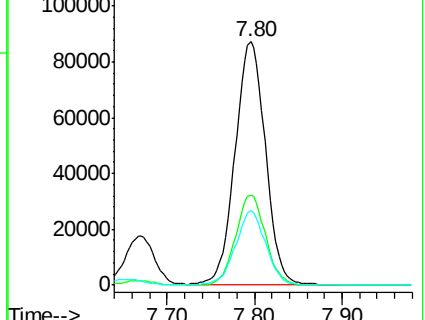
77 30.5 25.3 37.9

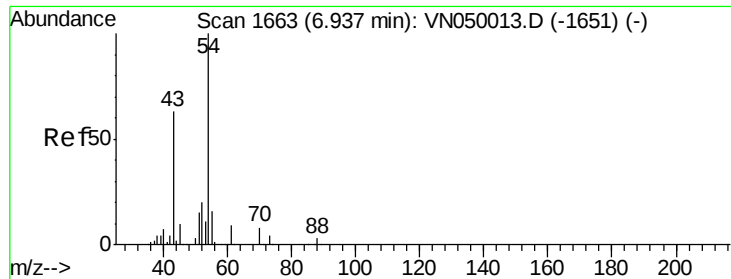


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

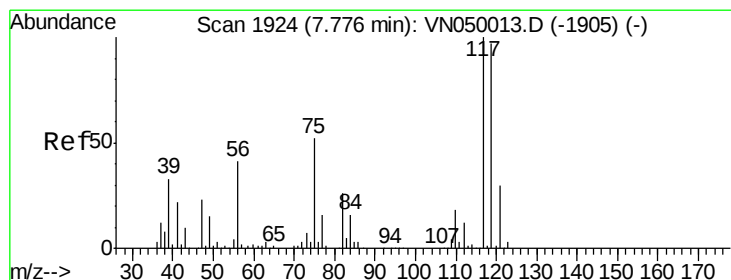
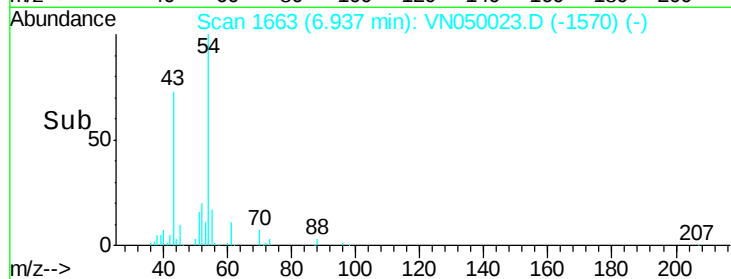
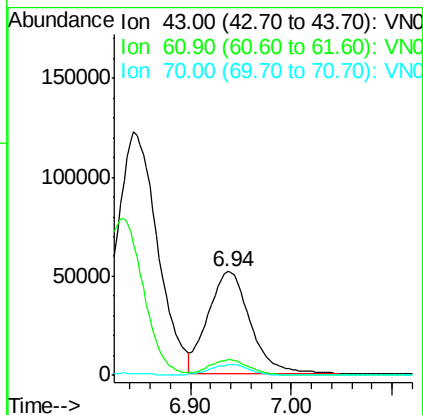
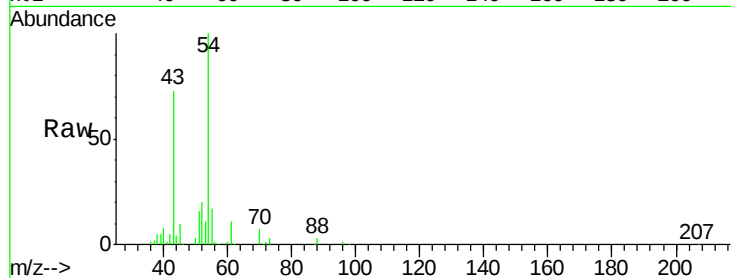
Ion 76.90 (76.60 to 77.60): V





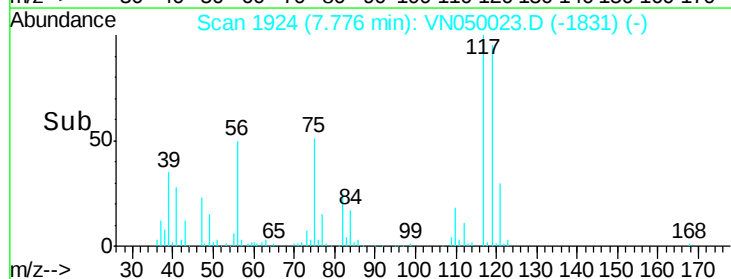
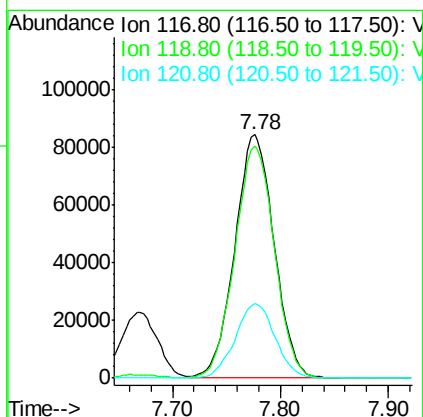
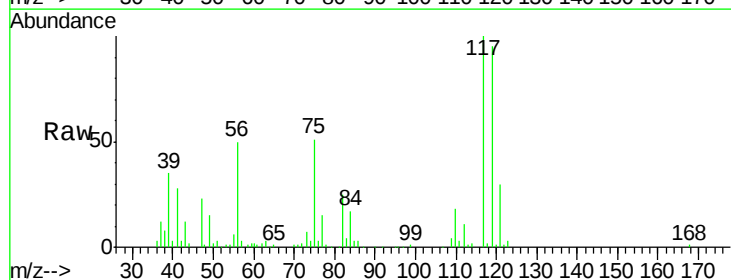
#37
Ethyl Acetate
Concen: 21.28 ug/l
RT: 6.94 min Scan# 1663
Delta R.T. 0.00 min
Lab File: VN050023.D
Acq: 24 Jul 2018 16:18

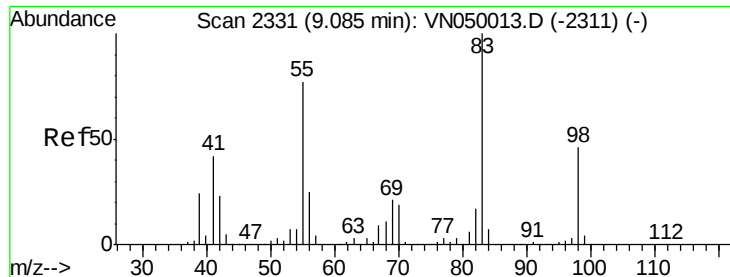
Tot Ion: 43 Resp: 150706
Ion Ratio Lower Upper
43 100
61 14.1 11.8 17.8
70 10.2 8.4 12.6



#38
Carbon Tetrachloride
Concen: 19.92 ug/l
RT: 7.78 min Scan# 1924
Delta R.T. 0.00 min
Lab File: VN050023.D
Acq: 24 Jul 2018 16:18

Tgt Ion: 117 Resp: 214639
Ion Ratio Lower Upper
117 100
119 95.4 77.4 116.0
121 30.5 23.9 35.9





#39

Methvlcvclohexane

Concen: 20.09 ug/l

RT: 9.08 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VN050023.D

Acq: 24 Jul 2018 16:18

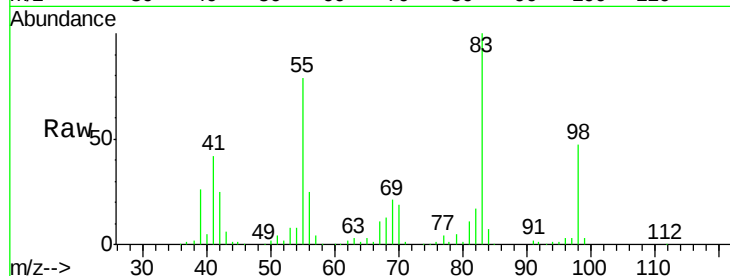
Tot Ion: 83 Resp: 209934

Ion Ratio Lower Upper

83 100

55 78.6 61.8 92.8

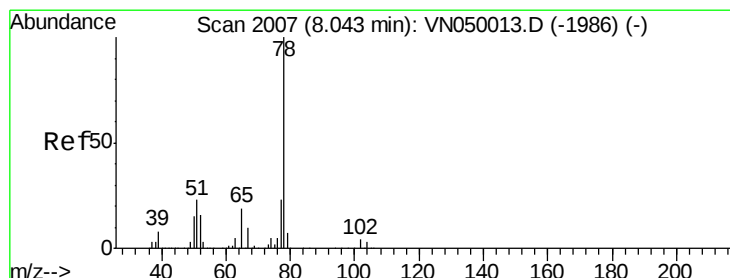
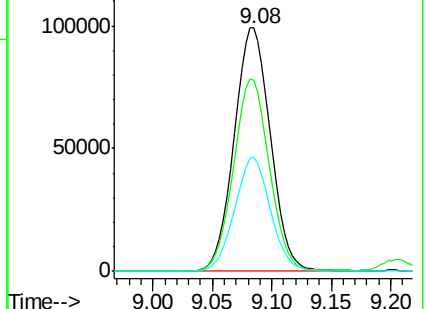
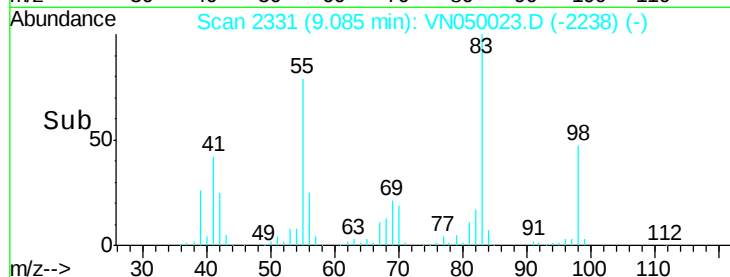
98 46.9 36.5 54.7



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#40

Benzene

Concen: 20.48 ug/l

RT: 8.05 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VN050023.D

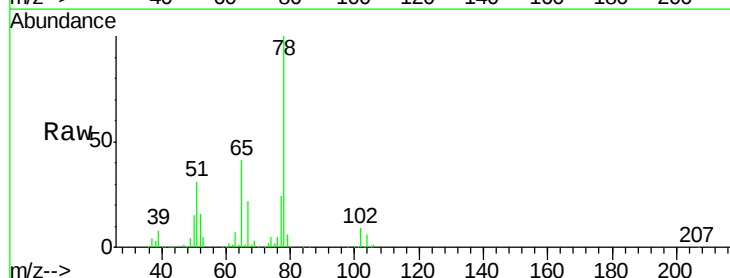
Acq: 24 Jul 2018 16:18

Tgt Ion: 78 Resp: 632960

Ion Ratio Lower Upper

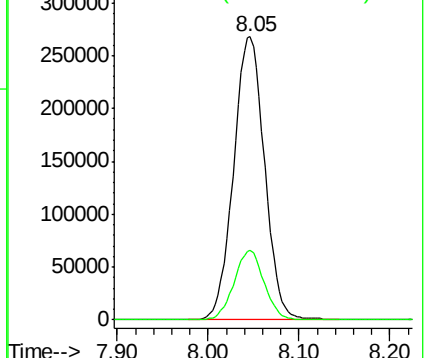
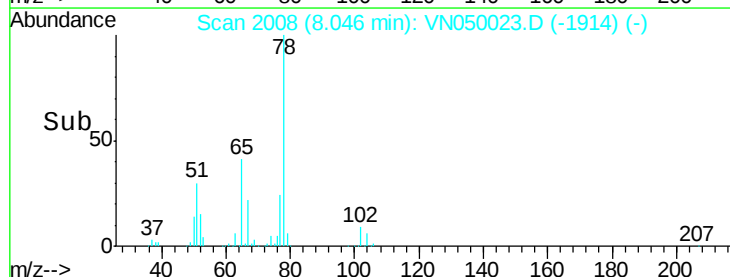
78 100

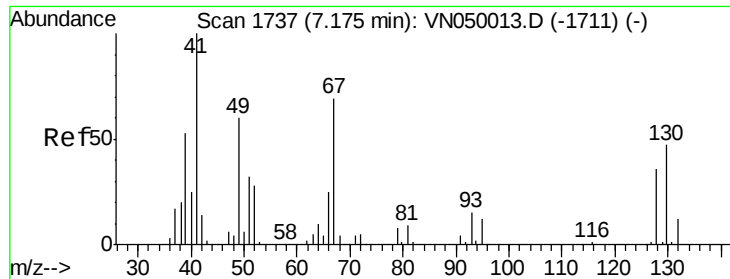
77 24.5 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VN0

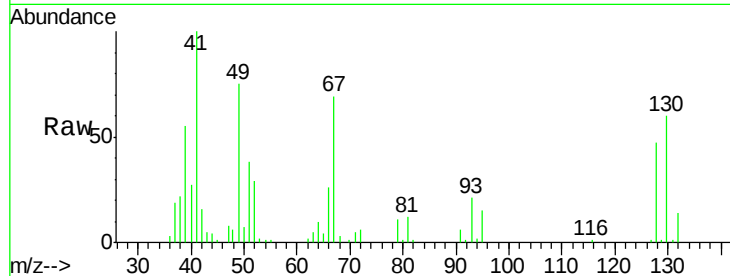
Ion 77.00 (76.70 to 77.70): VN0



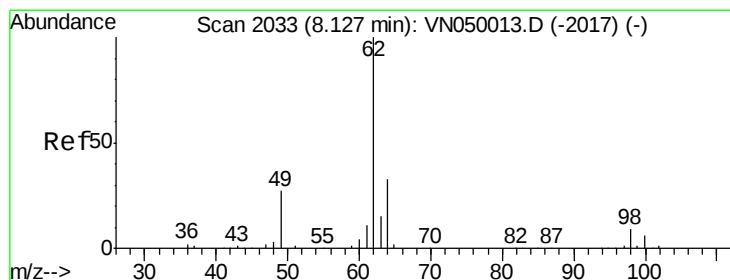
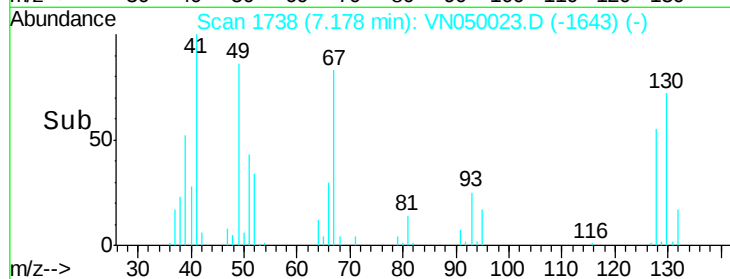
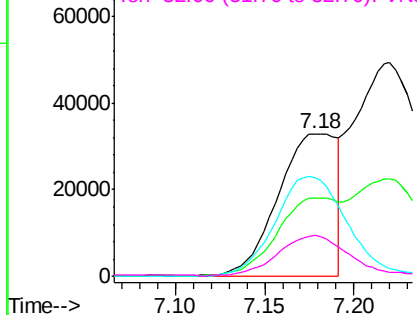


#41
Methacrylonitrile
Concen: 22.15 ug/l
RT: 7.18 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN050023.D
Acq: 24 Jul 2018 16:18

Tot Ion: 41 Resp: 75694
Ion Ratio Lower Upper
41 100
39 55.4 55.8 83.6#
67 86.6 84.3 126.5
52 35.3 34.2 51.2

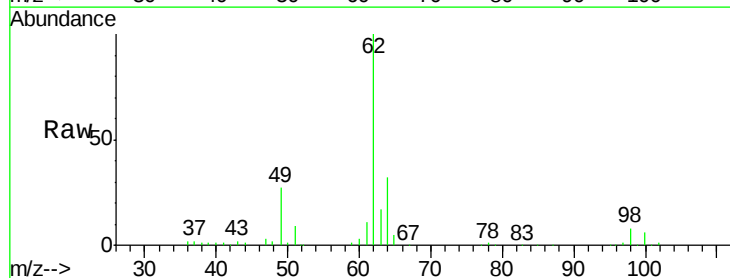


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

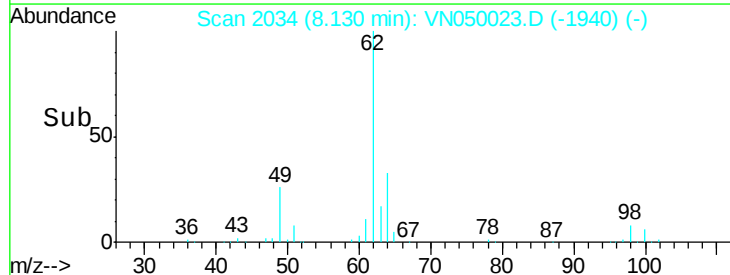
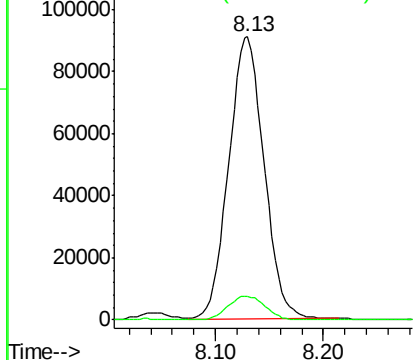


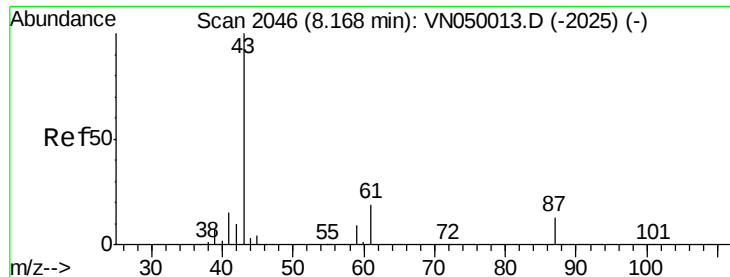
#42
1,2-Dichloroethane
Concen: 20.15 ug/l
RT: 8.13 min Scan# 2034
Delta R.T. 0.00 min
Lab File: VN050023.D
Acq: 24 Jul 2018 16:18

Tgt Ion: 62 Resp: 207741
Ion Ratio Lower Upper
62 100
98 8.8 0.0 18.8



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

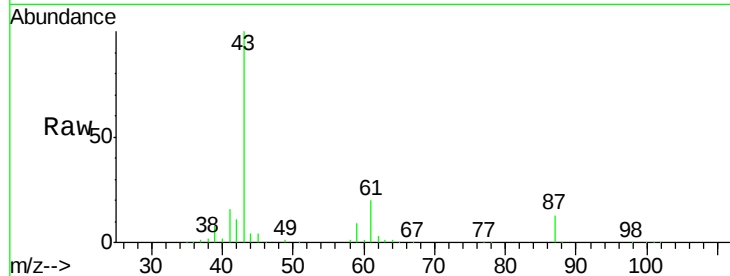




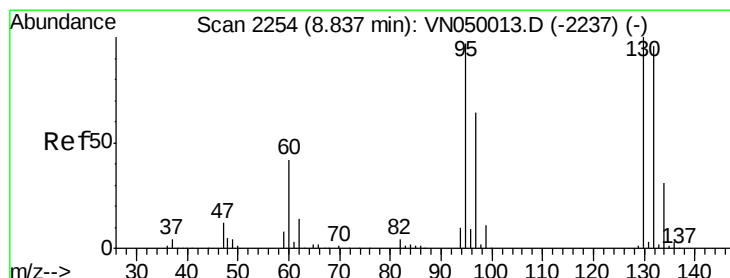
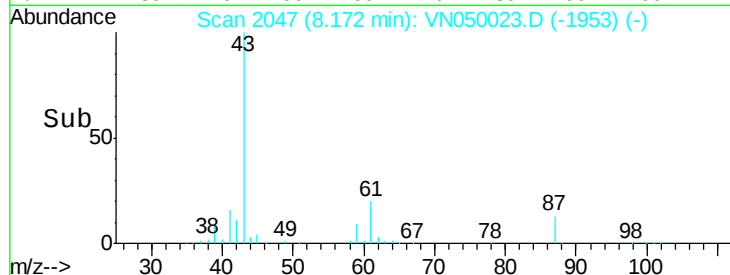
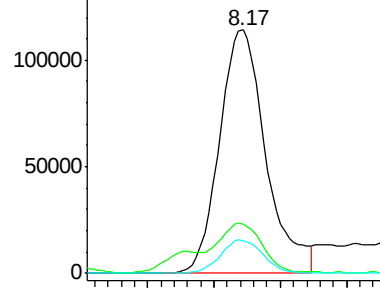
#43

Isopropyl Acetate
 Concen: 20.07 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN050023.D
 Acq: 24 Jul 2018 16:18

Tot Ion	43	Resp	276969
Ion Ratio	100		
Lower	15.8		
Upper	23.6		
61	19.0		
87	12.7		
	10.3		



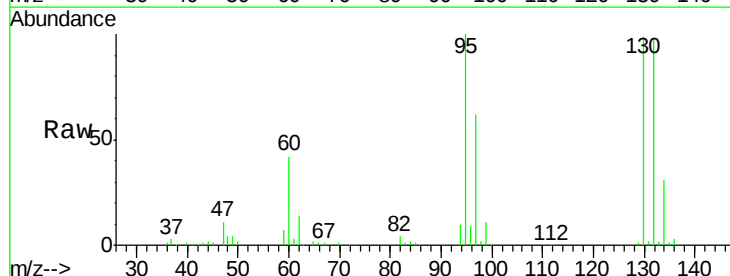
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



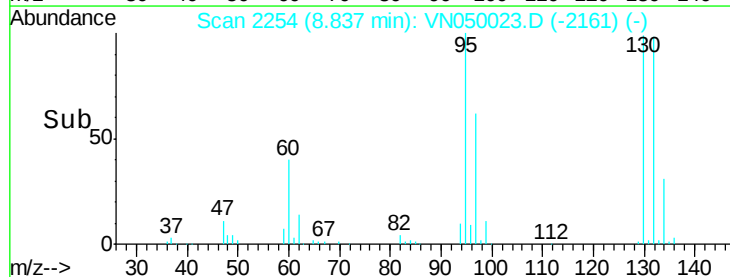
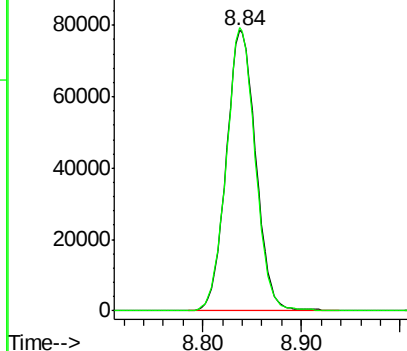
#44

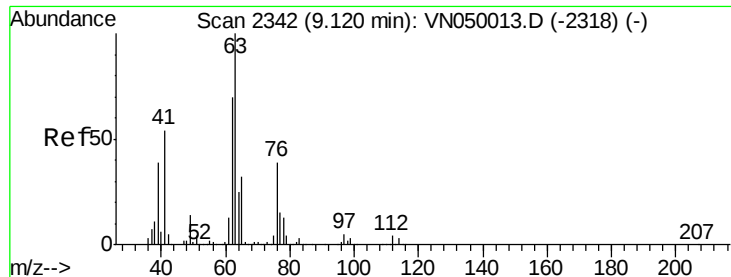
Trichloroethene
 Concen: 19.77 ug/l
 RT: 8.84 min Scan# 2254
 Delta R.T. 0.00 min
 Lab File: VN050023.D
 Acq: 24 Jul 2018 16:18

Tgt Ion	130	Resp	164198
Ion Ratio	100		
Lower	0.0		
Upper	194.6		
95	100.9		



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 20.27 ug/l

RT: 9.12 min Scan# 2343

Delta R.T. 0.00 min

Lab File: VN050023.D

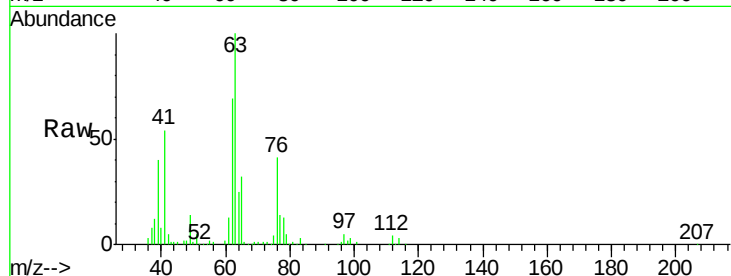
Acq: 24 Jul 2018 16:18

Tot Ion: 63 Resp: 165905

Ion Ratio Lower Upper

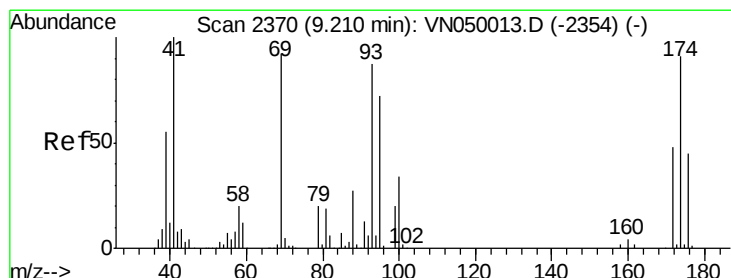
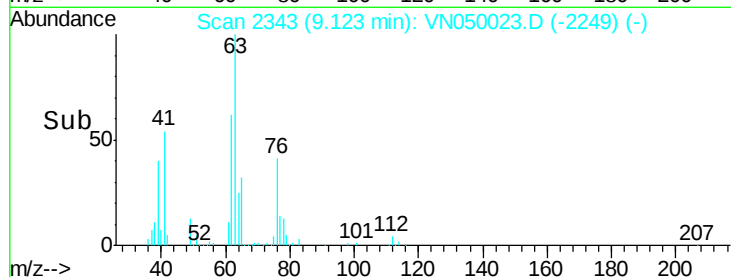
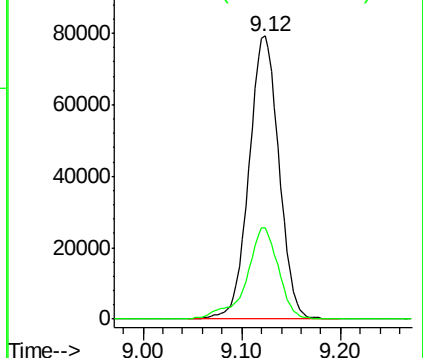
63 100

65 32.4 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: 20.81 ug/l

RT: 9.21 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN050023.D

Acq: 24 Jul 2018 16:18

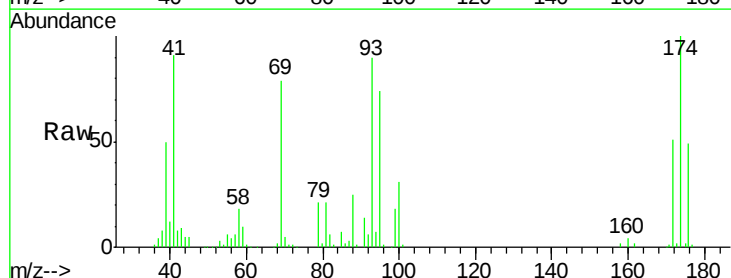
Tgt Ion: 93 Resp: 105792

Ion Ratio Lower Upper

93 100

95 82.1 66.6 100.0

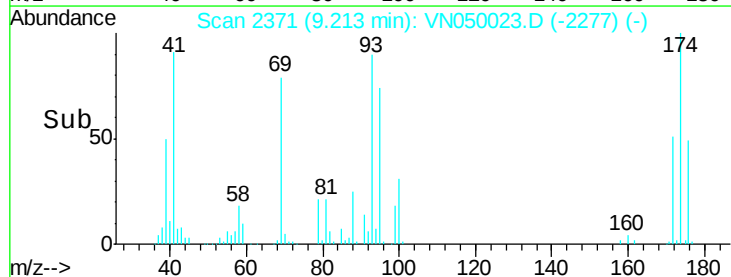
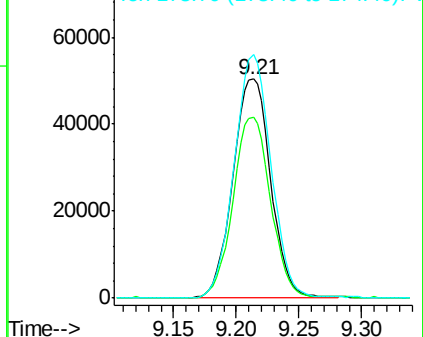
174 108.0 87.1 130.7

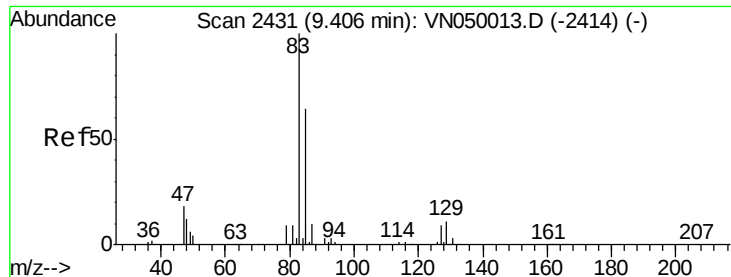


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.02 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN050023.D

Acq: 24 Jul 2018 16:18

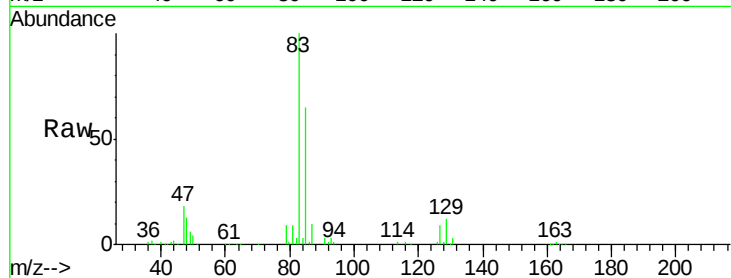
Tot Ion: 83 Resp: 214757

Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.1	76.7
127	9.5	7.0	10.4

83 100

85 65.0 51.1 76.7

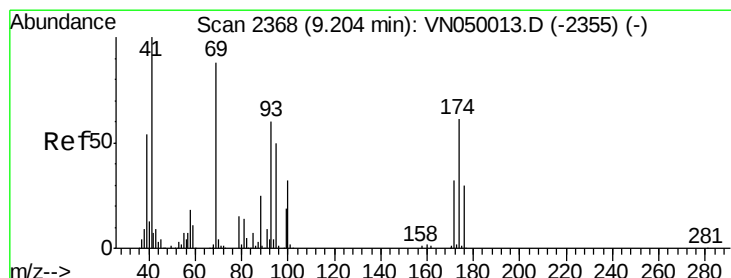
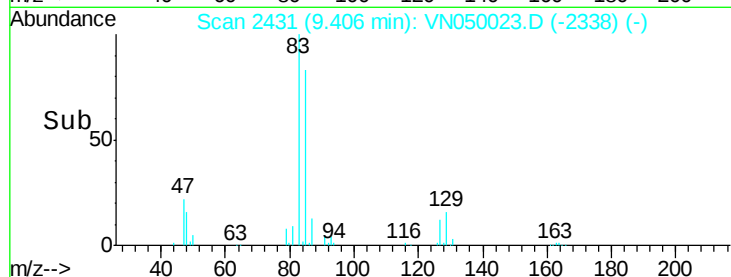
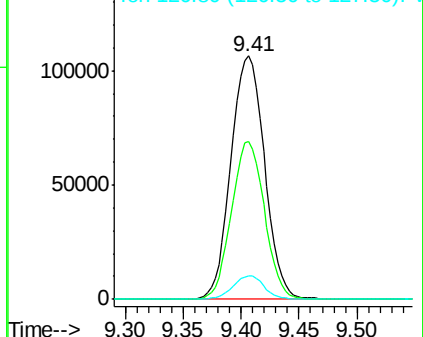
127 9.5 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 21.02 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN050023.D

Acq: 24 Jul 2018 16:18

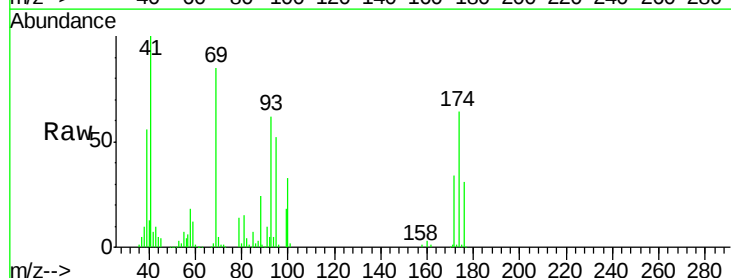
Tgt Ion: 41 Resp: 128171

Ion	Ratio	Lower	Upper
41	100		
69	88.1	70.6	105.8
39	55.3	43.9	65.9

41 100

69 88.1 70.6 105.8

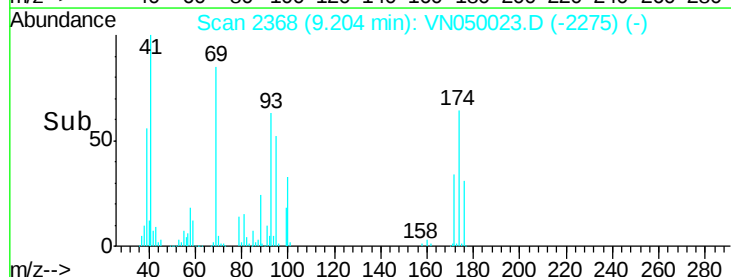
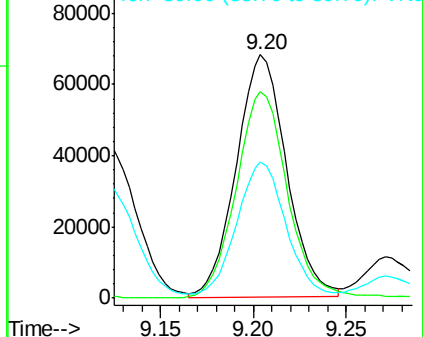
39 55.3 43.9 65.9

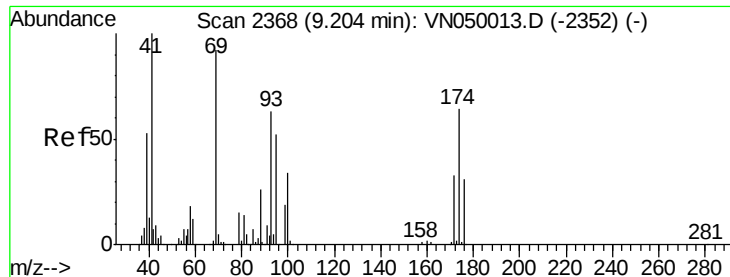


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 430.30 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN050023.D

Acq: 24 Jul 2018 16:18

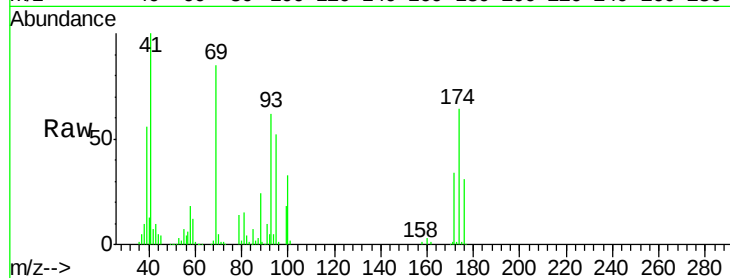
Tot Ion: 88 Resp: 35710

Ion Ratio Lower Upper

88 100

43 32.8 26.9 40.3

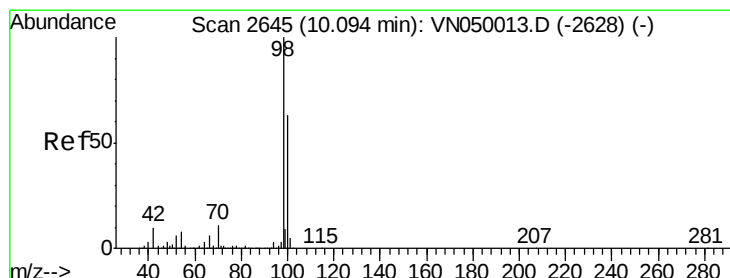
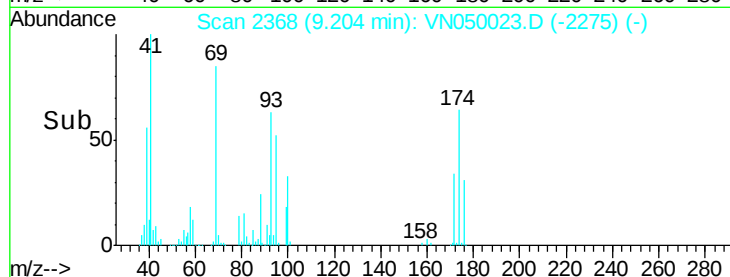
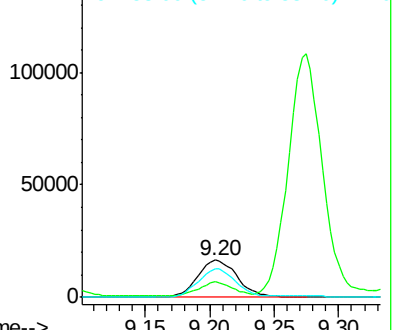
58 72.8 57.3 85.9



Abundance Ion 88.00 (87.70 to 88.70): VN050023.D (-2275) (-)

Ion 43.00 (42.70 to 43.70): VN050023.D (-2275) (-)

Ion 58.00 (57.70 to 58.70): VN050023.D (-2275) (-)



#50

Toluene-d8

Concen: 50.19 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050023.D

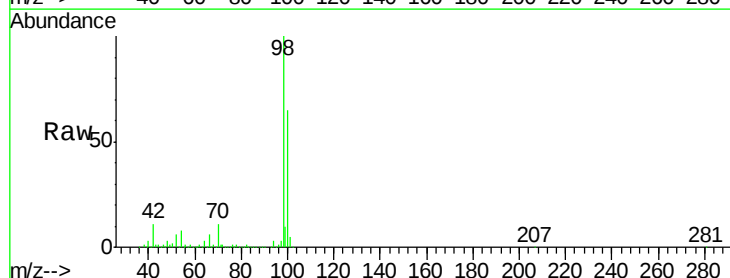
Acq: 24 Jul 2018 16:18

Tgt Ion: 98 Resp: 1358186

Ion Ratio Lower Upper

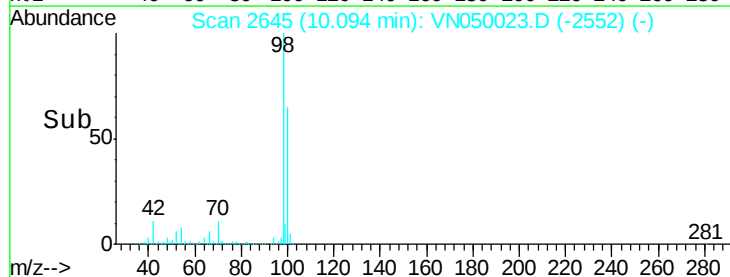
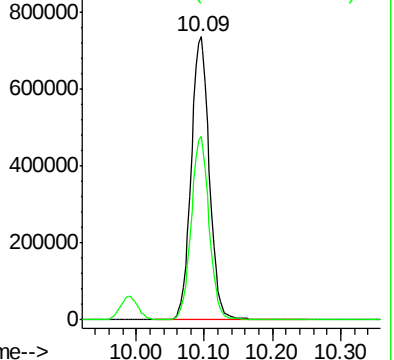
98 100

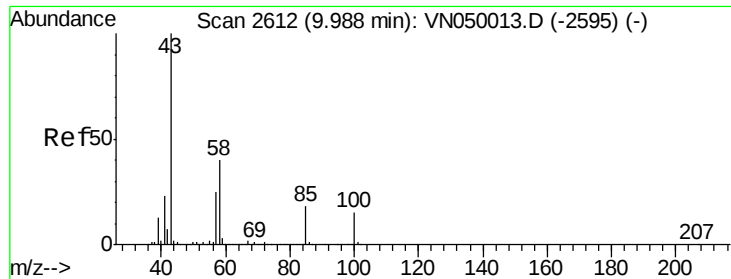
100 63.5 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN050023.D (-2552) (-)

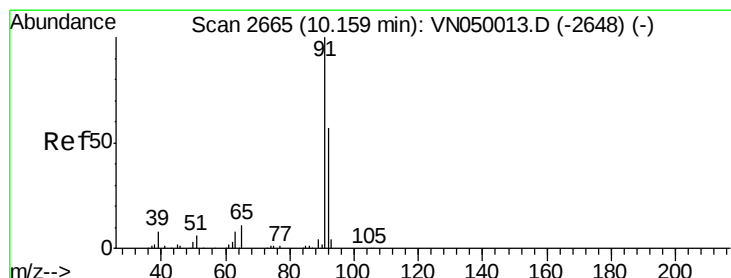
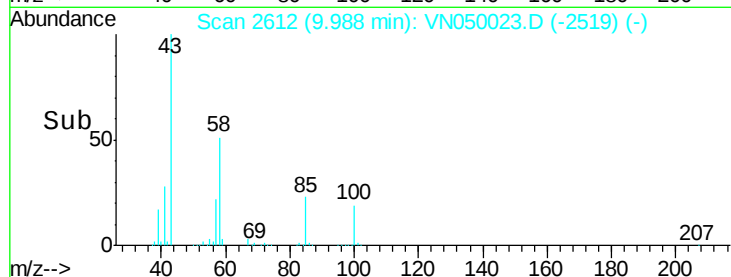
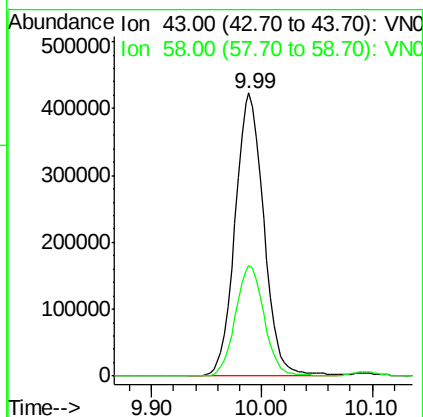
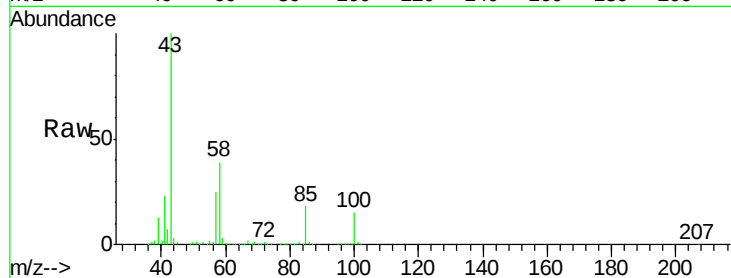
Ion 100.00 (99.70 to 100.70): VN050023.D (-2552) (-)





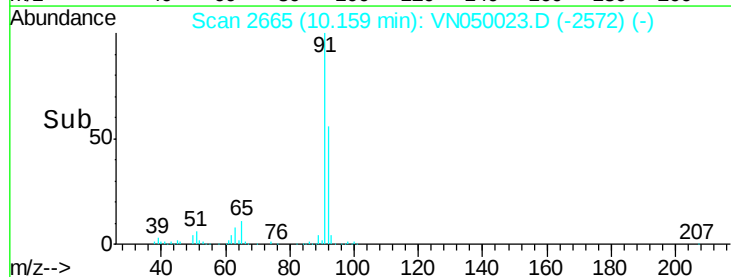
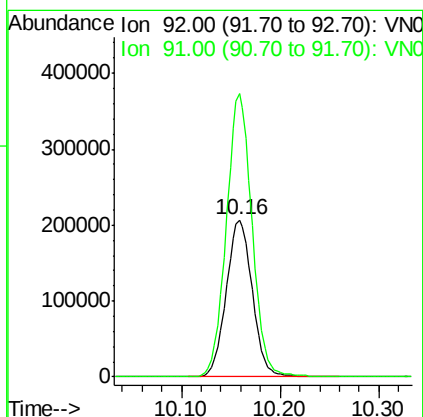
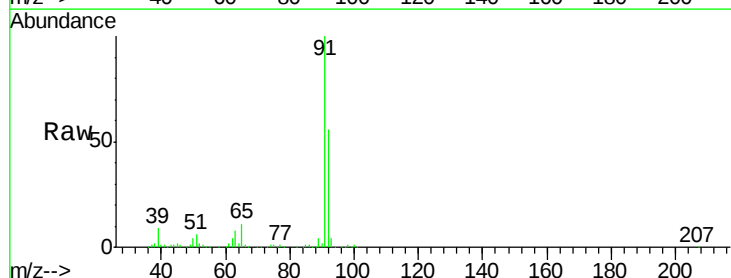
#51
 4-Methyl-2-Pentanone
 Concen: 109.15 ug/l
 RT: 9.99 min Scan# 2612
 Delta R.T. 0.00 min
 Lab File: VN050023.D
 Acq: 24 Jul 2018 16:18

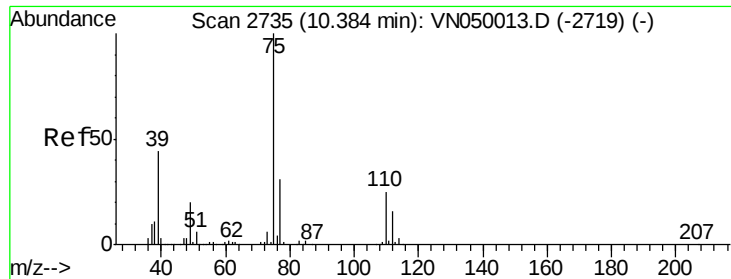
Tot Ion: 43 Resp: 759756
 Ion Ratio Lower Upper
 43 100
 58 39.3 31.9 47.9



#52
 Toluene
 Concen: 21.07 ug/l
 RT: 10.16 min Scan# 2665
 Delta R.T. 0.00 min
 Lab File: VN050023.D
 Acq: 24 Jul 2018 16:18

Tgt Ion: 92 Resp: 384344
 Ion Ratio Lower Upper
 92 100
 91 176.6 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 20.65 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN050023.D

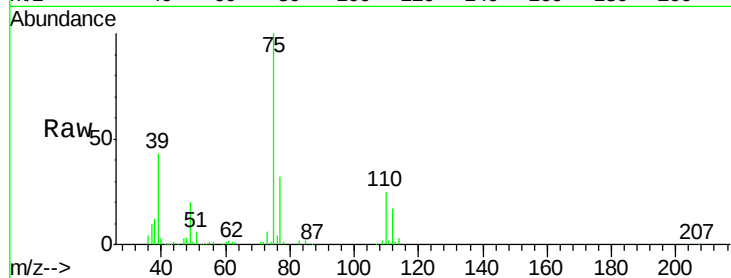
Acq: 24 Jul 2018 16:18

Tot Ion: 75 Resp: 209027

Ion Ratio Lower Upper

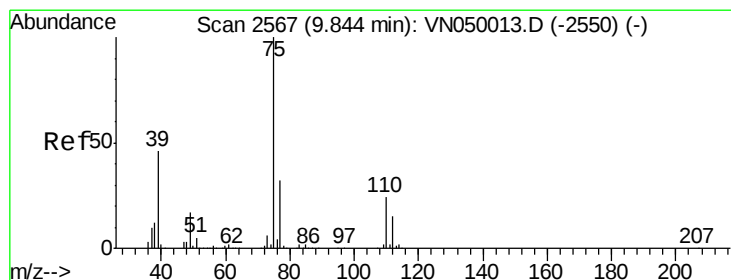
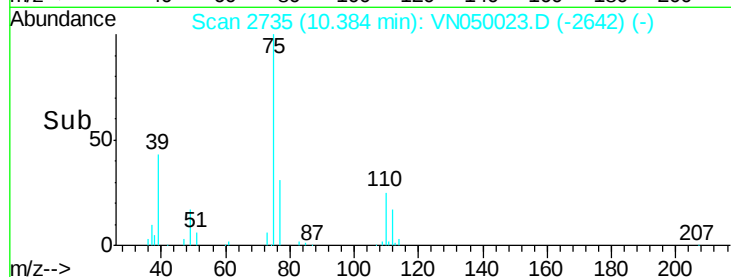
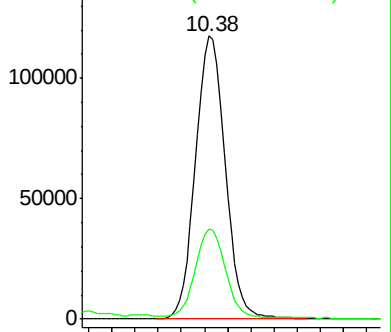
75 100

77 31.3 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 20.62 ug/l

RT: 9.84 min Scan# 2567

Delta R.T. 0.00 min

Lab File: VN050023.D

Acq: 24 Jul 2018 16:18

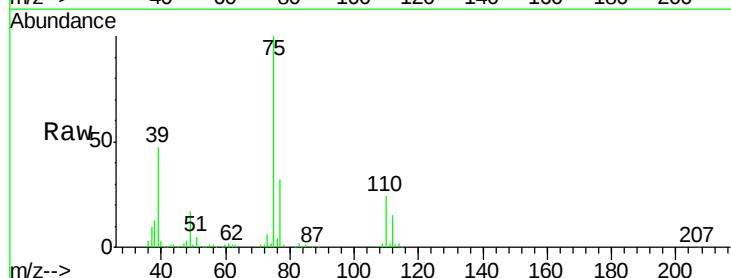
Tgt Ion: 75 Resp: 238529

Ion Ratio Lower Upper

75 100

77 32.2 25.5 38.3

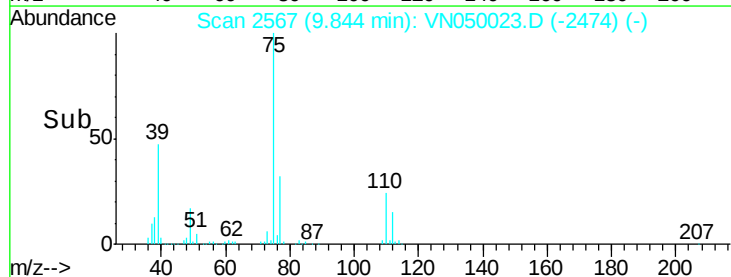
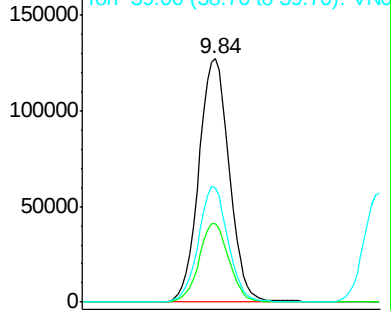
39 47.2 36.6 55.0

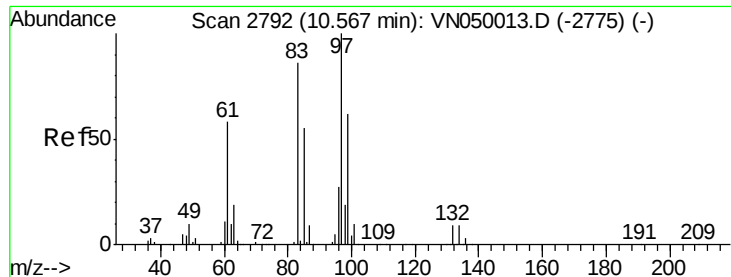


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

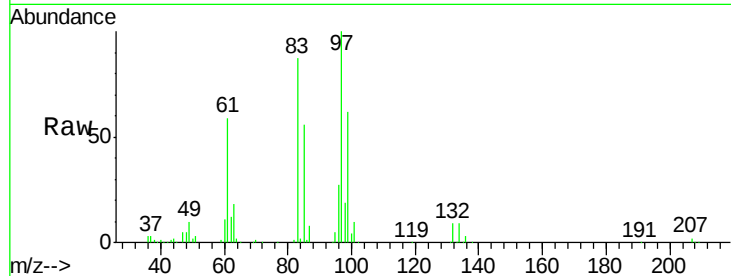
Ion 39.00 (38.70 to 39.70): VN0



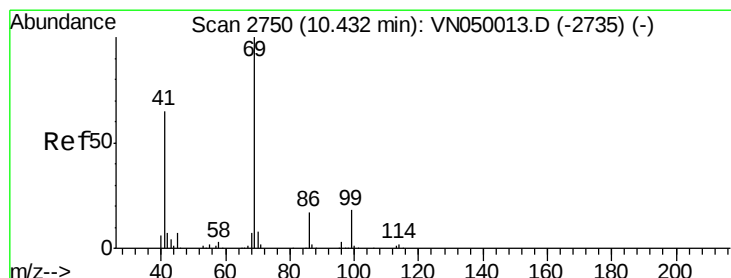
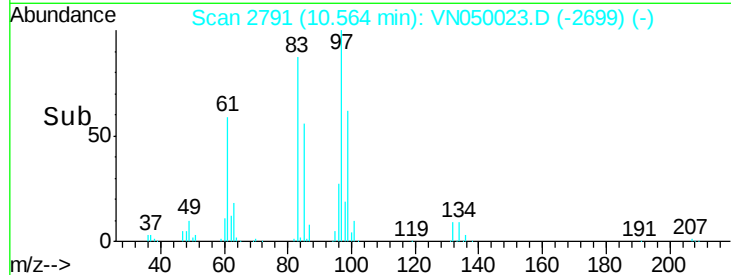
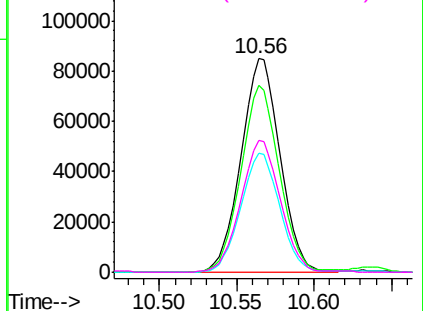


#55
 1,1,2-Trichloroethane
 Concen: 20.65 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. -0.00 min
 Lab File: VN050023.D
 Acq: 24 Jul 2018 16:18

Tot Ion:	97	Resp:	149451
Ion	Ratio	Lower	Upper
97	100		
83	87.4	69.2	103.8
85	56.0	44.0	66.0
99	61.7	49.9	74.9

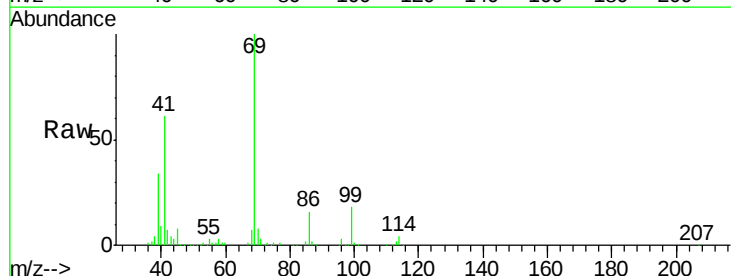


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

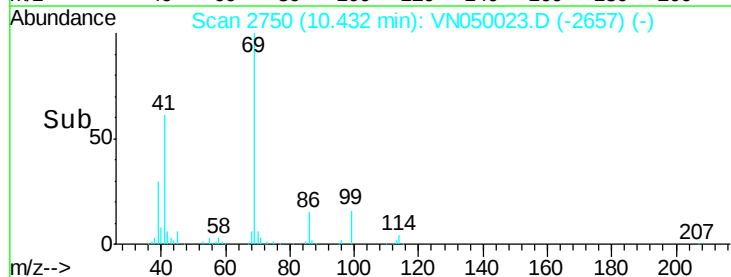
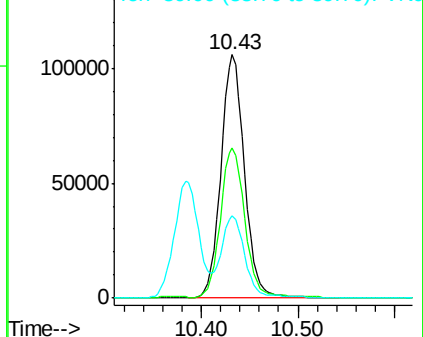


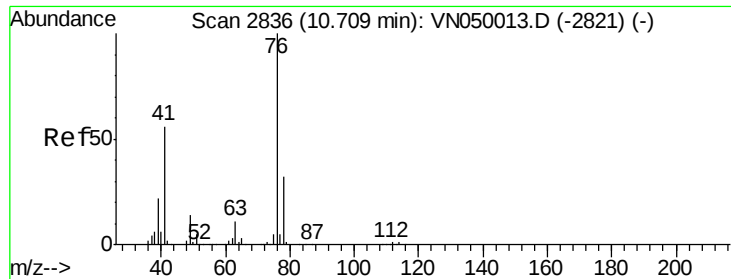
#56
 Ethyl methacrylate
 Concen: 19.53 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN050023.D
 Acq: 24 Jul 2018 16:18

Tgt Ion:	69	Resp:	178755
Ion	Ratio	Lower	Upper
69	100		
41	63.0	51.0	76.4
39	34.2	26.6	40.0



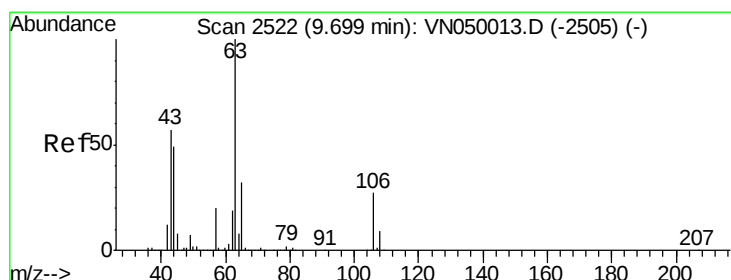
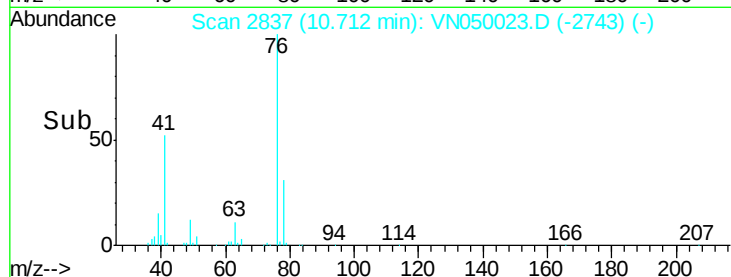
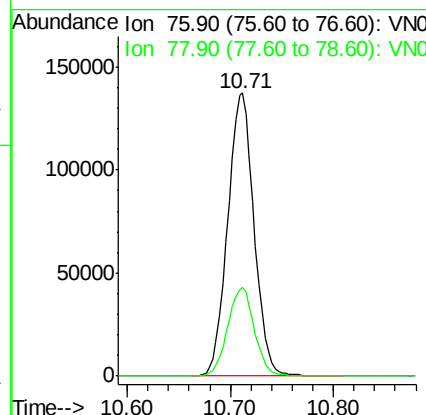
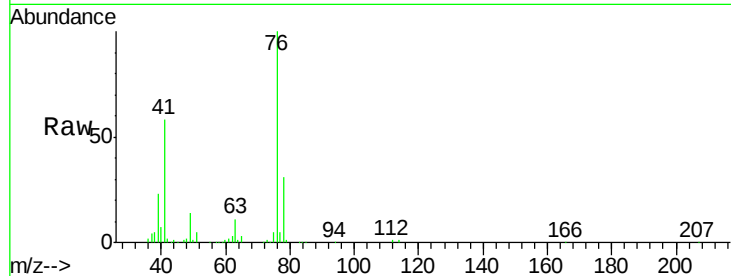
Abundance Ion 69.00 (68.70 to 69.70): VN0
 Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0





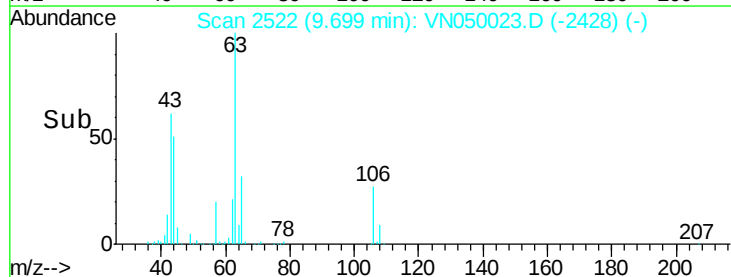
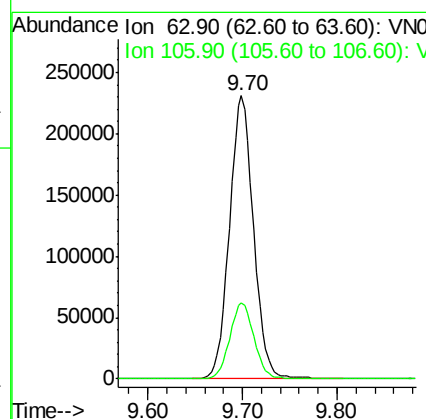
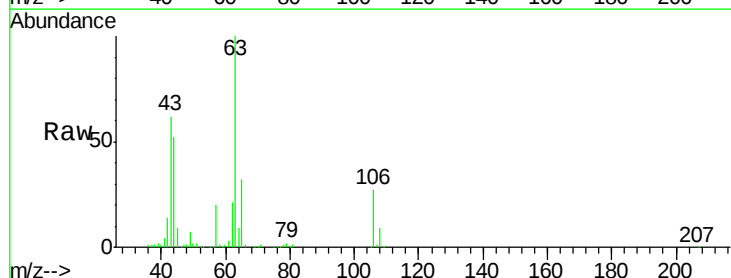
#57
 1,3-Dichloropropane
 Concen: 20.72 ug/l
 RT: 10.71 min Scan# 2837
 Delta R.T. 0.00 min
 Lab File: VN050023.D
 Acq: 24 Jul 2018 16:18

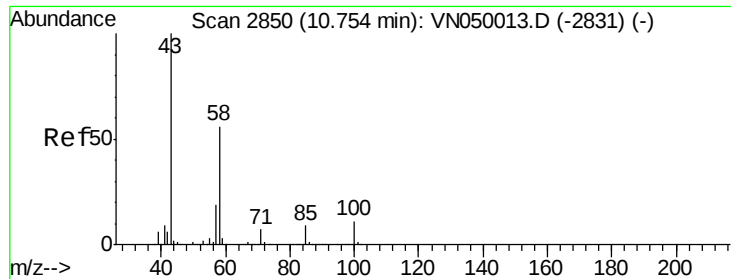
Tot Ion: 76 Resp: 244127
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.61 ug/l
 RT: 9.70 min Scan# 2522
 Delta R.T. 0.00 min
 Lab File: VN050023.D
 Acq: 24 Jul 2018 16:18

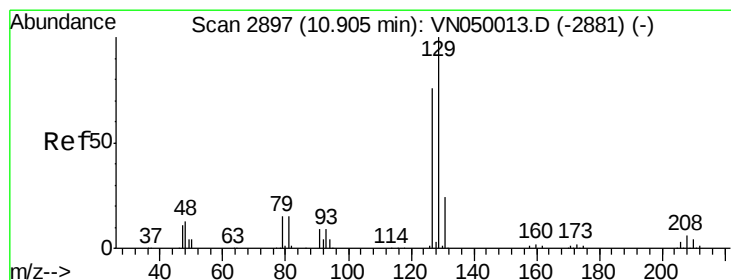
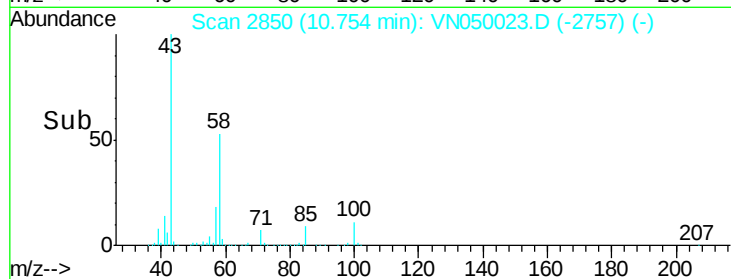
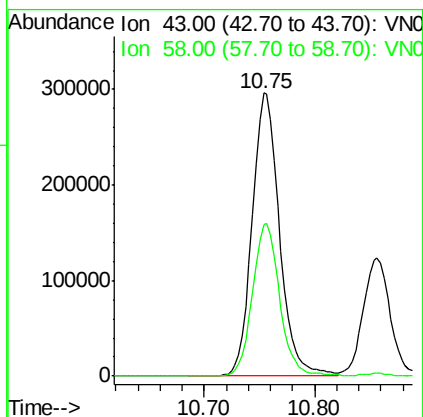
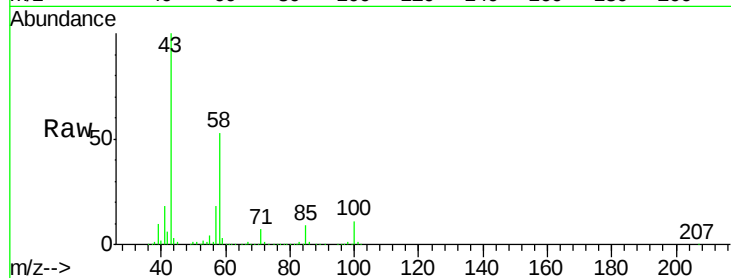
Tgt Ion: 63 Resp: 408112
 Ion Ratio Lower Upper
 63 100
 106 27.1 21.7 32.5





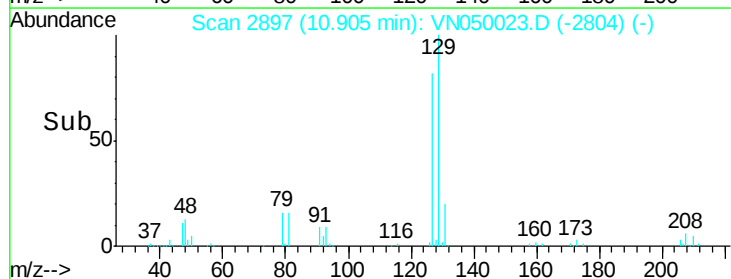
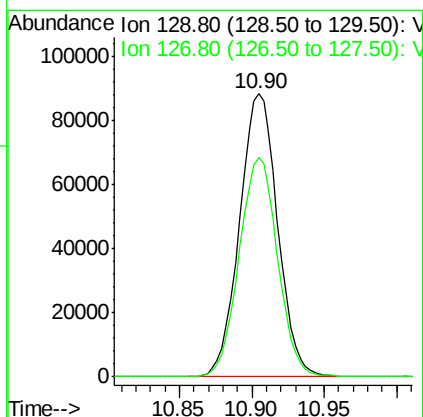
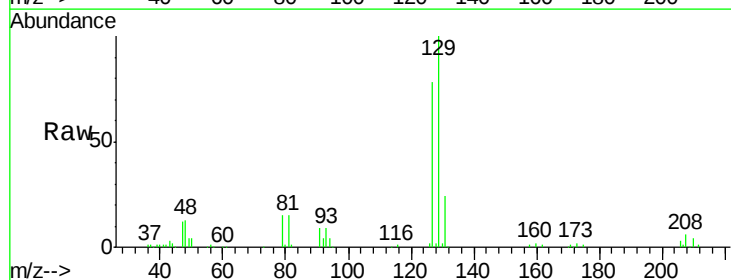
#59
2-Hexanone
Concen: 102.33 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN050023.D
Acq: 24 Jul 2018 16:18

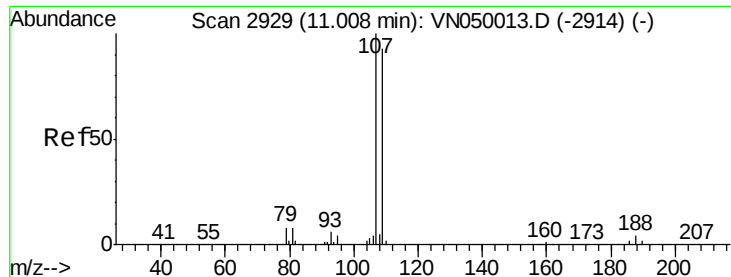
Tot Ion: 43 Resp: 507438
Ion Ratio Lower Upper
43 100
58 53.8 27.6 82.7



#60
Dibromochloromethane
Concen: 20.09 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN050023.D
Acq: 24 Jul 2018 16:18

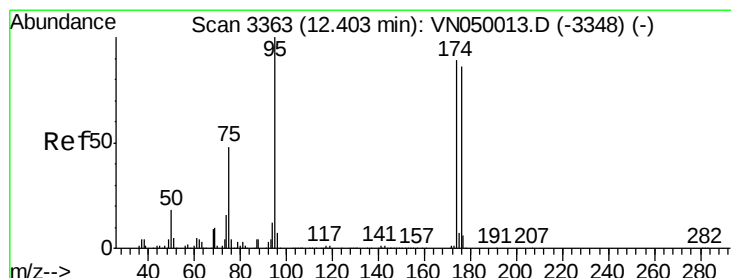
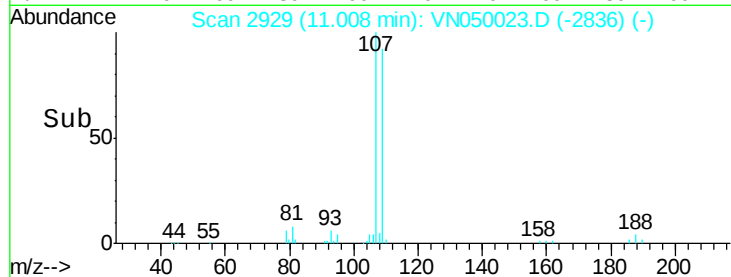
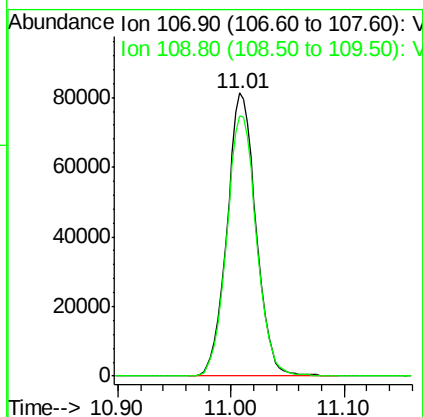
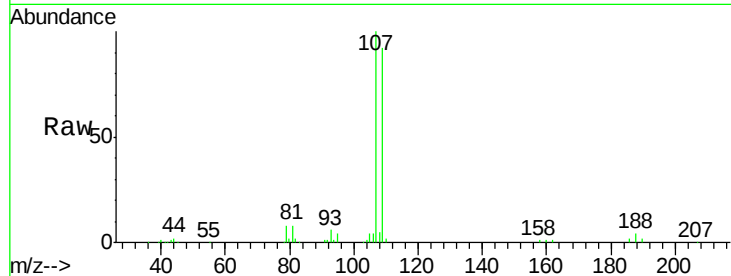
Tgt Ion: 129 Resp: 160911
Ion Ratio Lower Upper
129 100
127 78.2 38.0 113.9





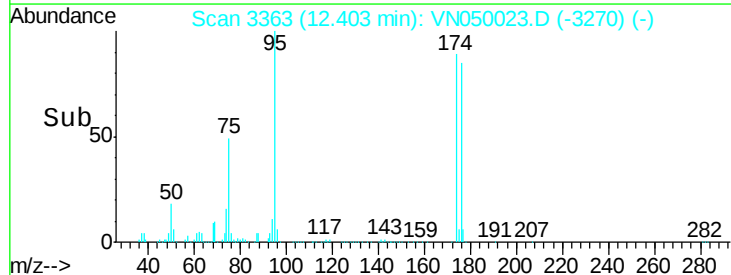
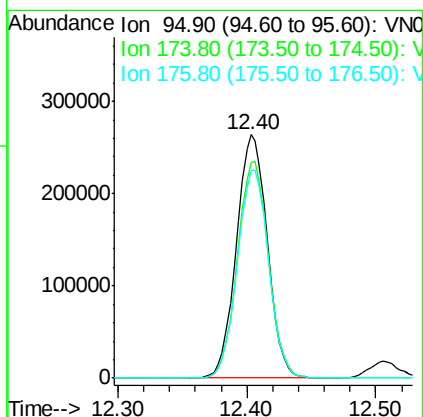
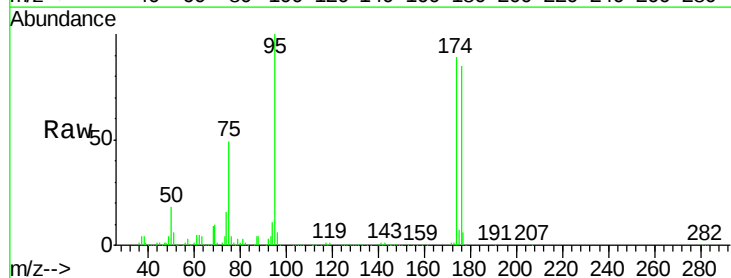
#61
 1,2-Dibromoethane
 Concen: 20.16 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN050023.D
 Acq: 24 Jul 2018 16:18

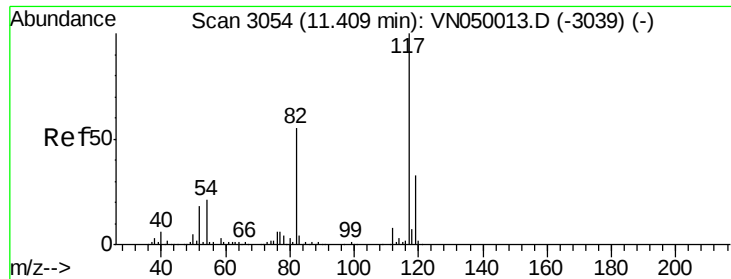
Tot Ion: 107 Resp: 144764
 Ion Ratio Lower Upper
 107 100
 109 94.6 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 49.30 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN050023.D
 Acq: 24 Jul 2018 16:18

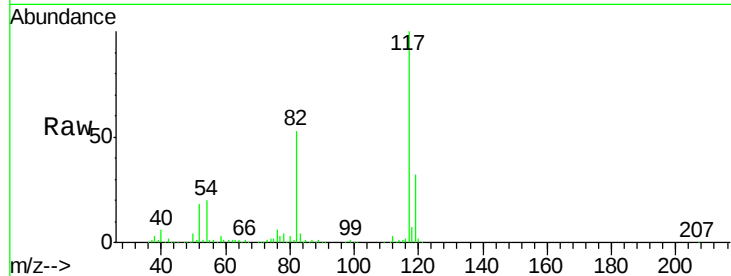
Tgt Ion: 95 Resp: 439222
 Ion Ratio Lower Upper
 95 100
 174 89.5 0.0 178.2
 176 86.7 0.0 173.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050023.D
Acq: 24 Jul 2018 16:18

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	43.7	65.5
119	32.4	26.1	39.1

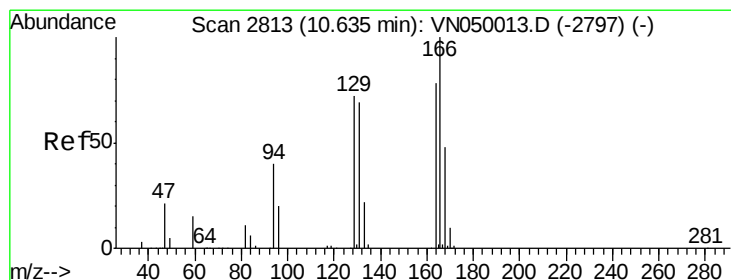
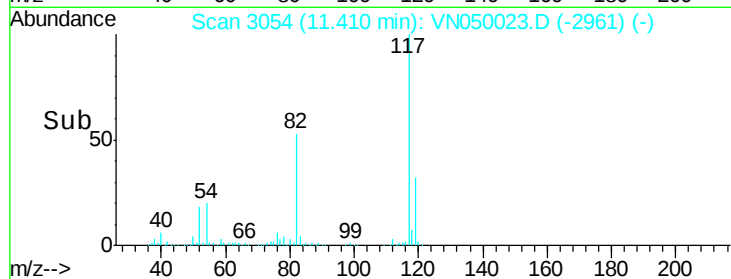
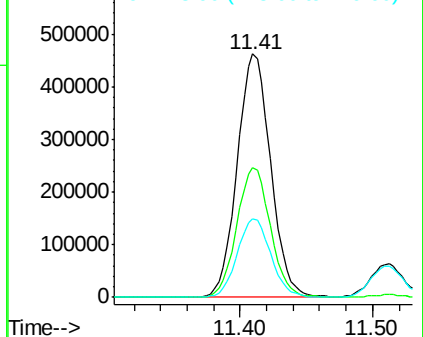


Abundance

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: 20.07 ug/l
RT: 10.63 min Scan# 2813
Delta R.T. 0.00 min
Lab File: VN050023.D
Acq: 24 Jul 2018 16:18

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.1	102.1	153.1
129	92.8	73.2	109.8
131	89.7	70.6	106.0

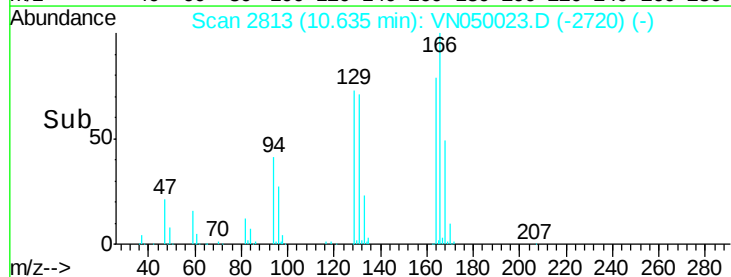
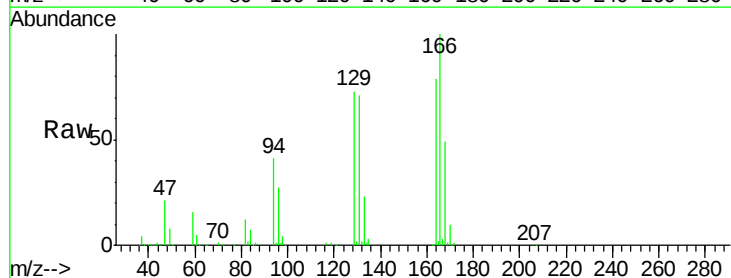
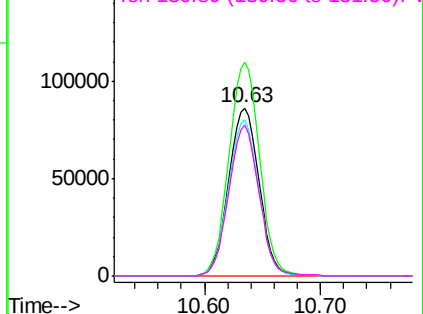
Abundance

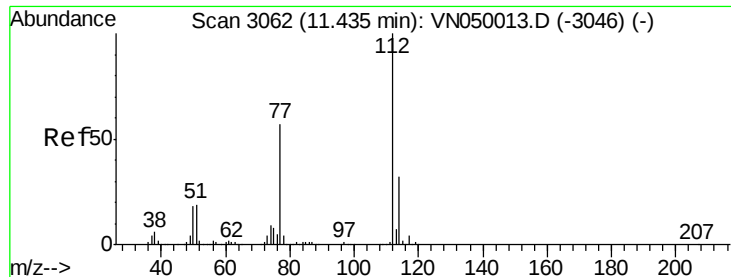
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

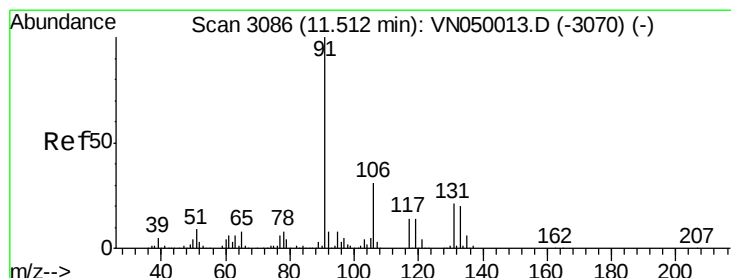
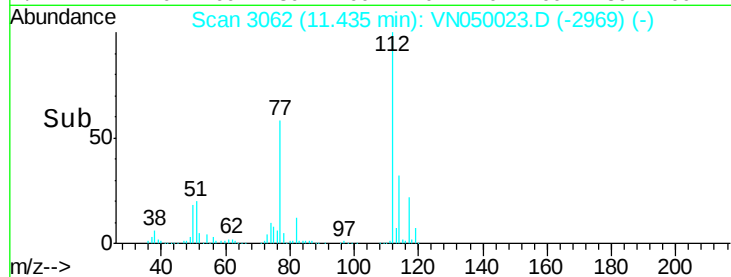
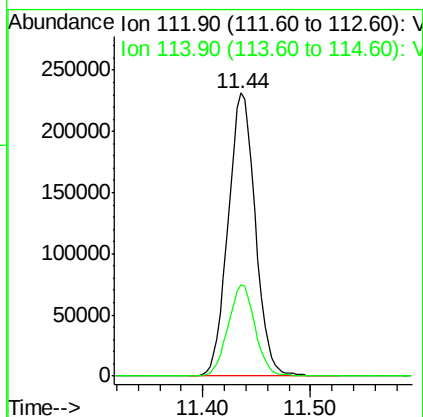
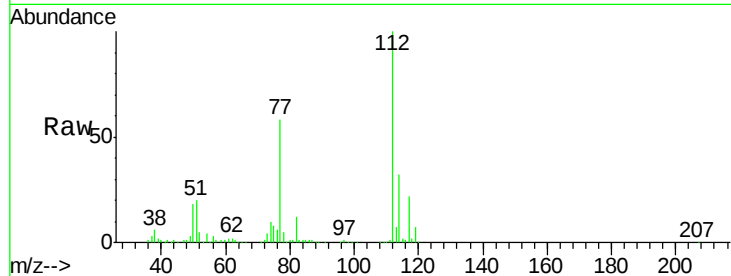
Ion 130.80 (130.50 to 131.50): V





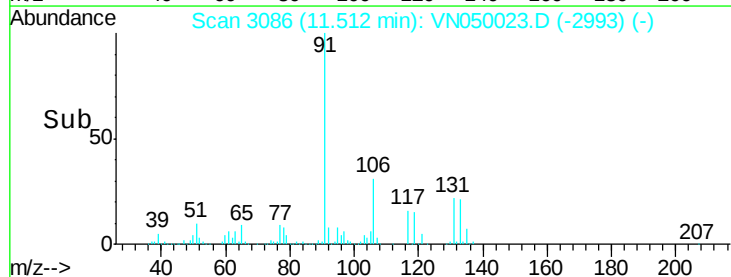
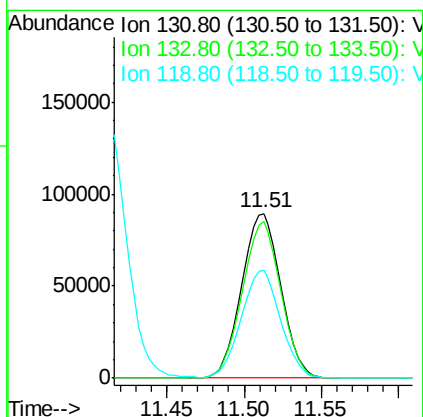
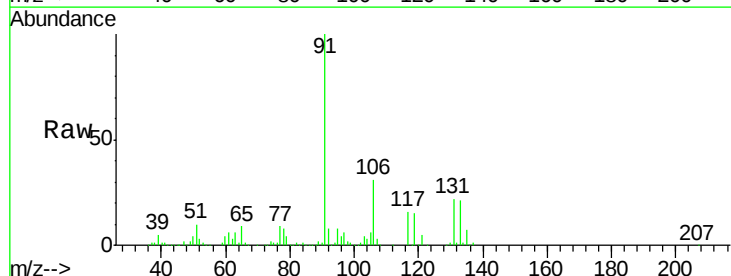
#65
Chlorobenzene
Concen: 19.91 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN050023.D
Acq: 24 Jul 2018 16:18

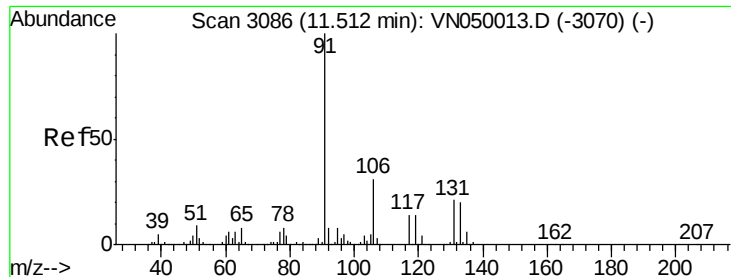
Tot Ion:112 Resp: 407489
Ion Ratio Lower Upper
112 100
114 32.1 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.03 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050023.D
Acq: 24 Jul 2018 16:18

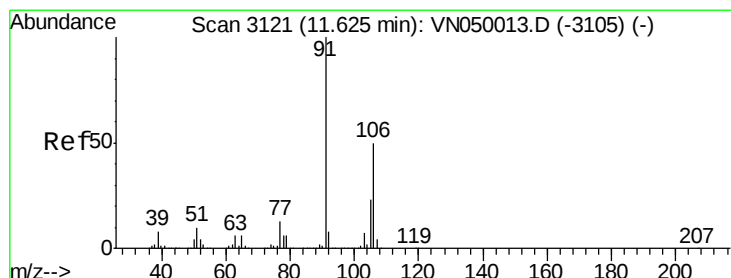
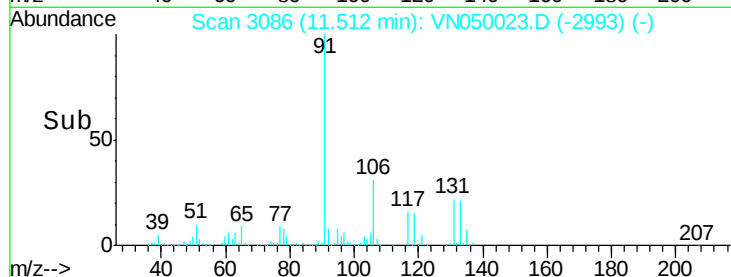
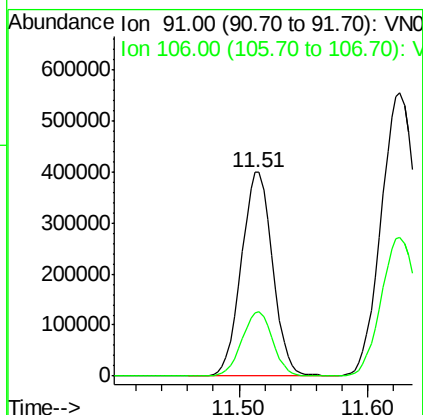
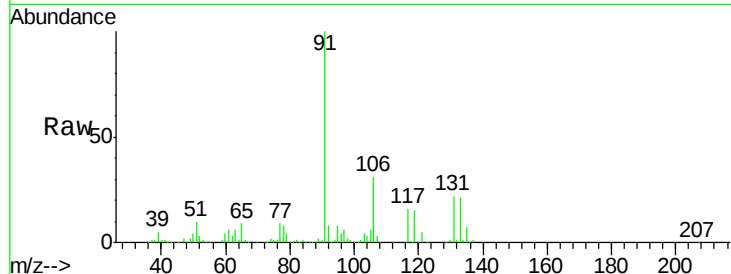
Tgt Ion:131 Resp: 157552
Ion Ratio Lower Upper
131 100
133 94.0 47.3 141.9
119 65.9 32.9 98.7





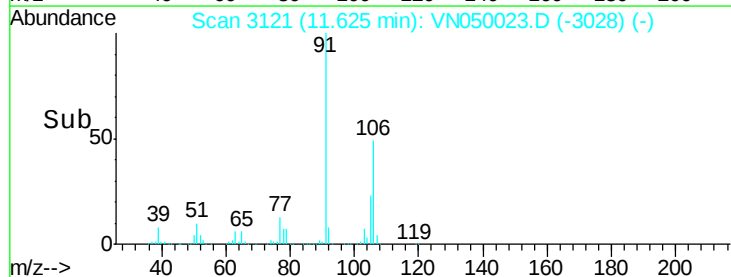
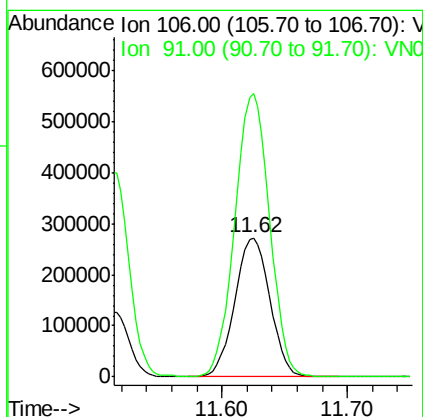
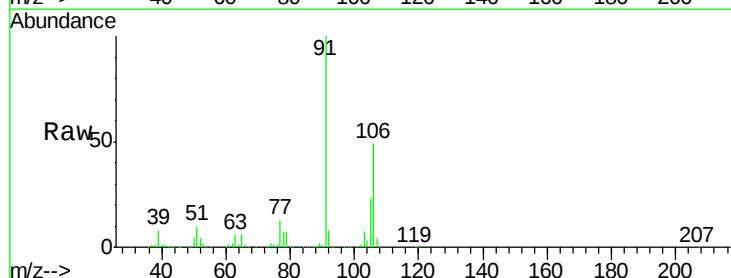
#67
Ethyl Benzene
Concen: 20.54 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050023.D
Acq: 24 Jul 2018 16:18

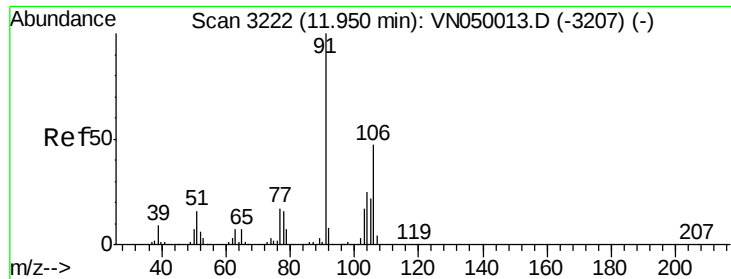
Tot Ion: 91 Resp: 675490
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.4



#68
m/p-Xylenes
Concen: 42.37 ug/l
RT: 11.62 min Scan# 3121
Delta R.T. 0.00 min
Lab File: VN050023.D
Acq: 24 Jul 2018 16:18

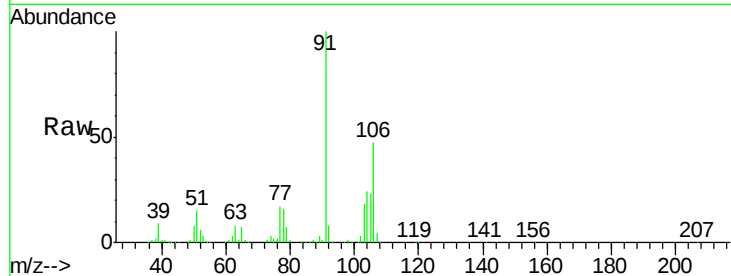
Tgt Ion: 106 Resp: 526968
Ion Ratio Lower Upper
106 100
91 202.4 162.2 243.2



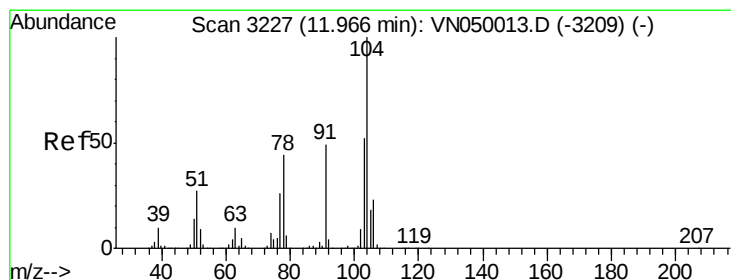
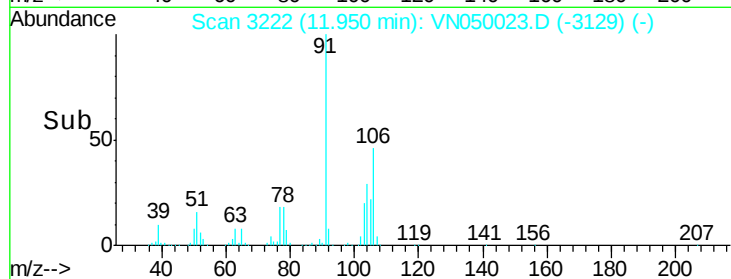
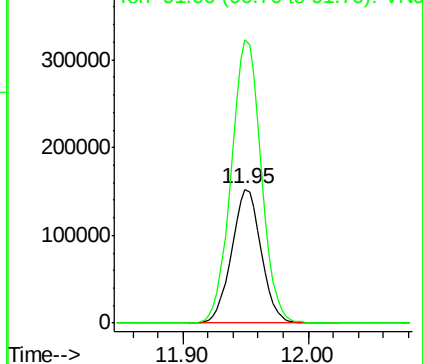


#69
o-Xylene
Concen: 20.99 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050023.D
Acq: 24 Jul 2018 16:18

Tot Ion:106 Resp: 248859
Ion Ratio Lower Upper
106 100
91 214.6 107.7 323.1

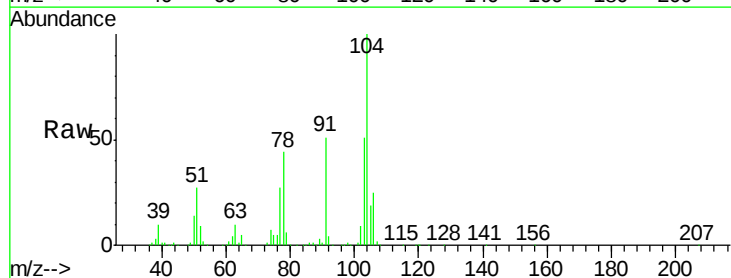


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

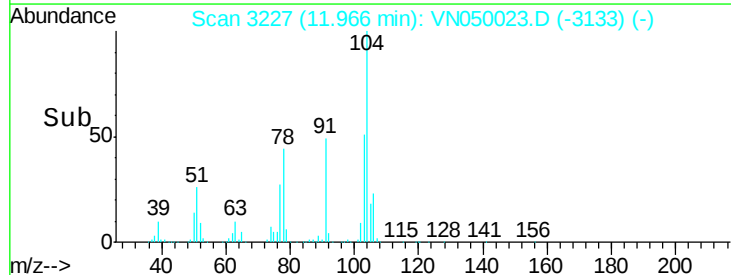
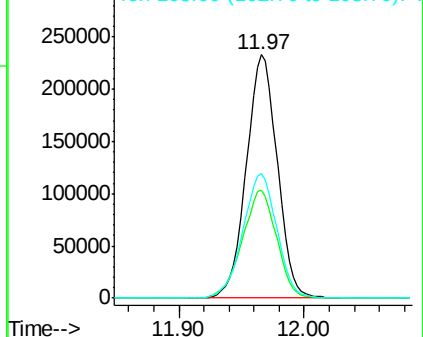


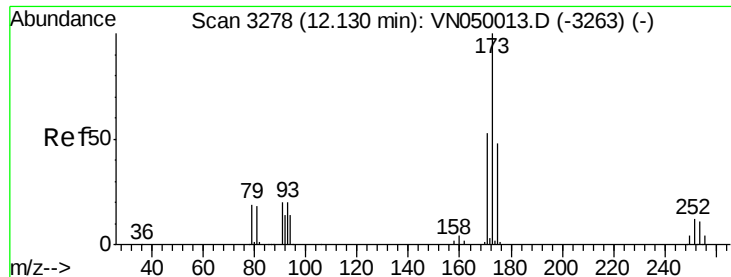
#70
Styrene
Concen: 19.57 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050023.D
Acq: 24 Jul 2018 16:18

Tgt Ion:104 Resp: 400601
Ion Ratio Lower Upper
104 100
78 49.2 39.3 58.9
103 56.0 45.0 67.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 20.07 ug/l

RT: 12.13 min Scan# 3278

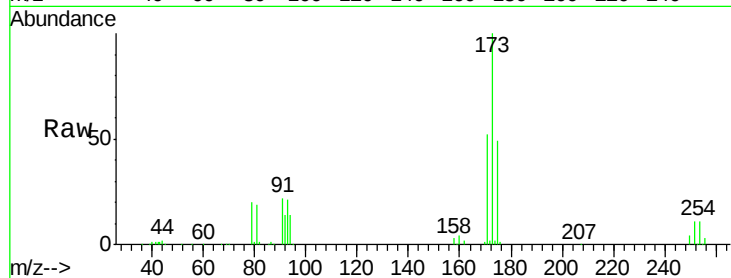
Delta R.T. 0.00 min

Lab File: VN050023.D

Acq: 24 Jul 2018 16:18

Tot Ion:173 Resp: 114840

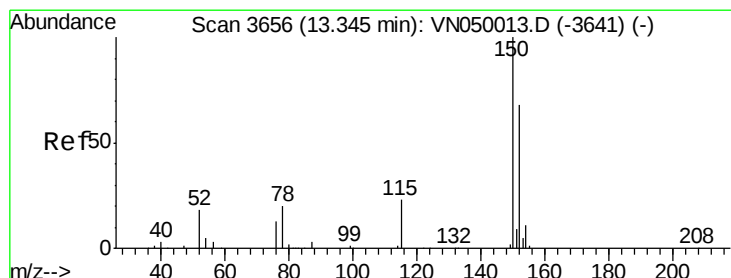
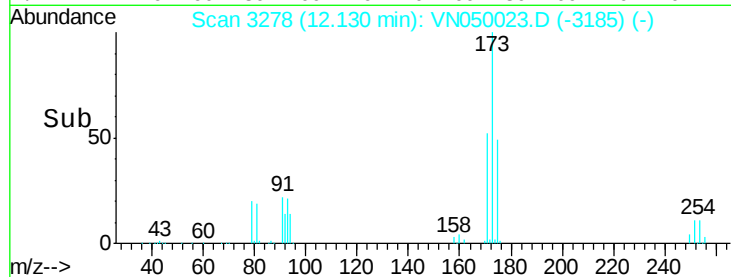
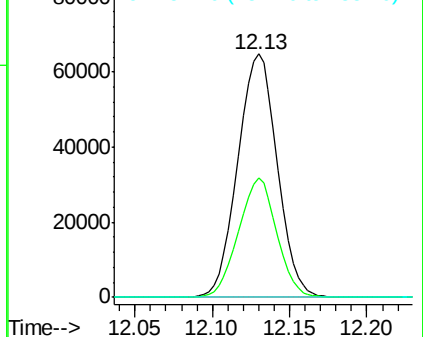
Ion	Ratio	Lower	Upper
173	100		
175	47.7	24.1	72.2
254	0.0	0.2	0.2



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

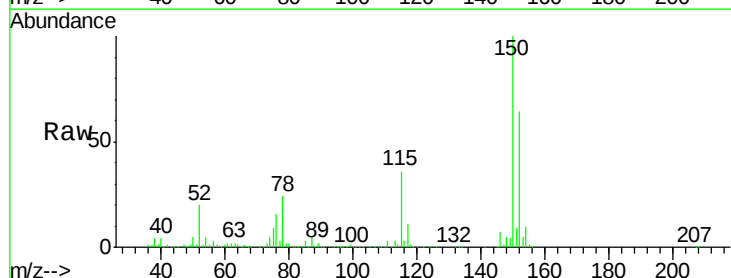
Delta R.T. 0.00 min

Lab File: VN050023.D

Acq: 24 Jul 2018 16:18

Tgt Ion:152 Resp: 417706

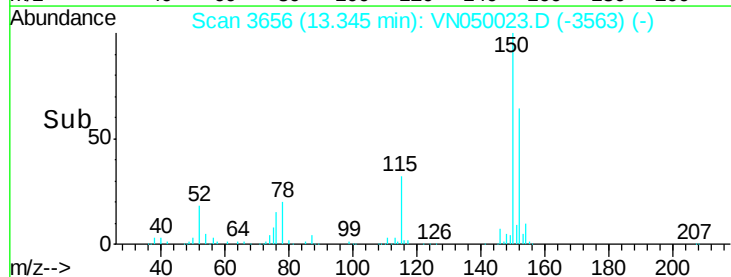
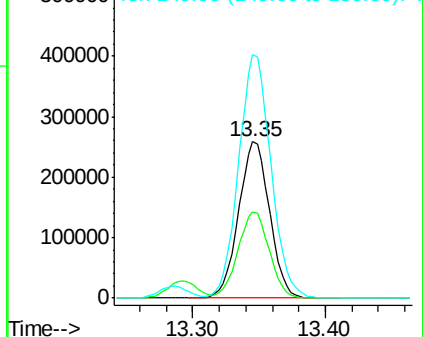
Ion	Ratio	Lower	Upper
152	100		
115	55.7	27.8	83.3
150	163.3	0.0	348.6

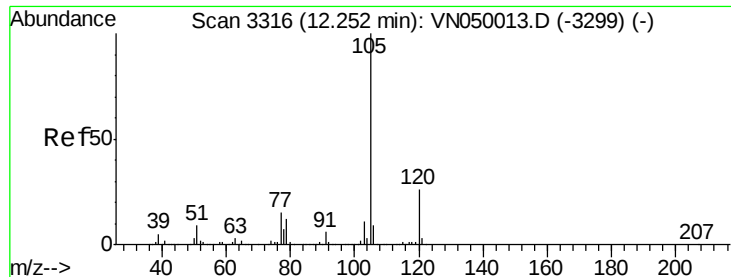


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.60 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN050023.D

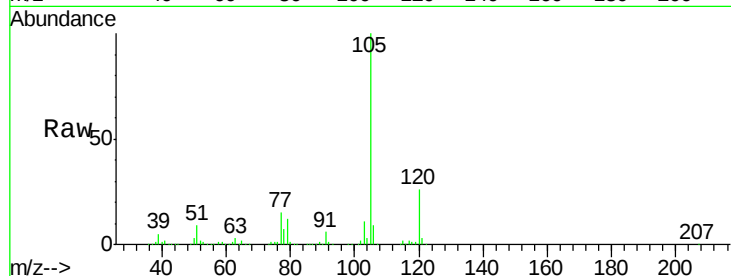
Acq: 24 Jul 2018 16:18

Tot Ion:105 Resp: 667428

Ion Ratio Lower Upper

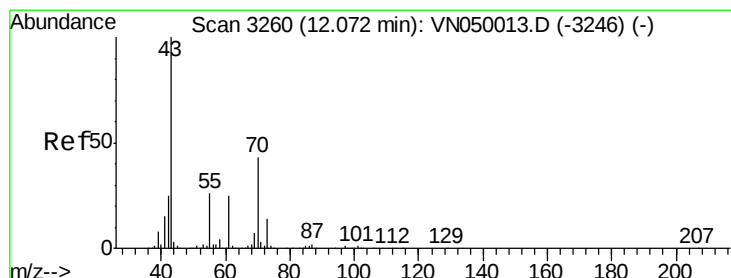
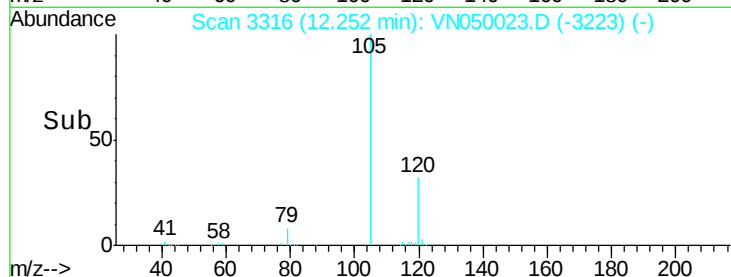
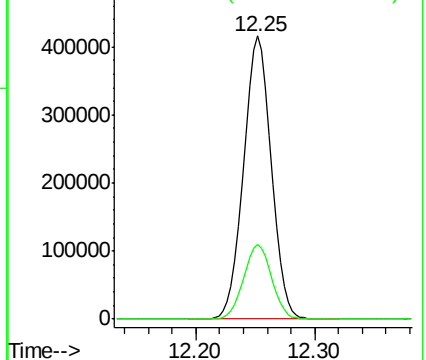
105 100

120 26.7 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.18 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN050023.D

Acq: 24 Jul 2018 16:18

Tgt Ion: 43 Resp: 199785

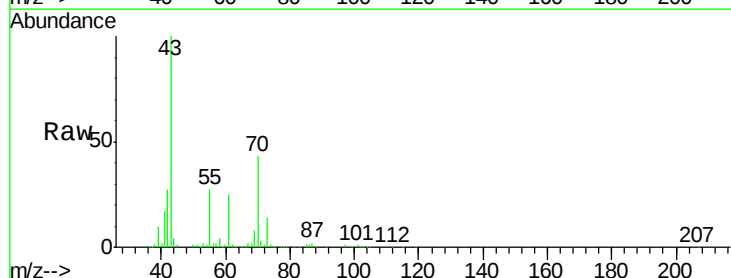
Ion Ratio Lower Upper

43 100

70 42.0 34.4 51.6

55 26.2 20.8 31.2

61 23.6 19.7 29.5

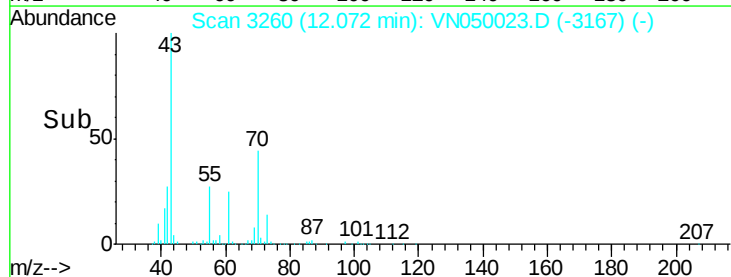
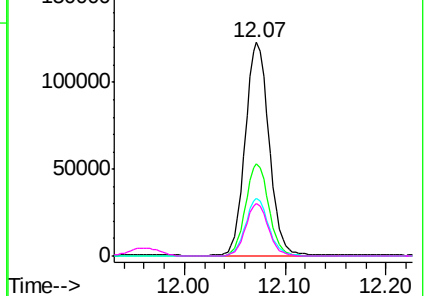


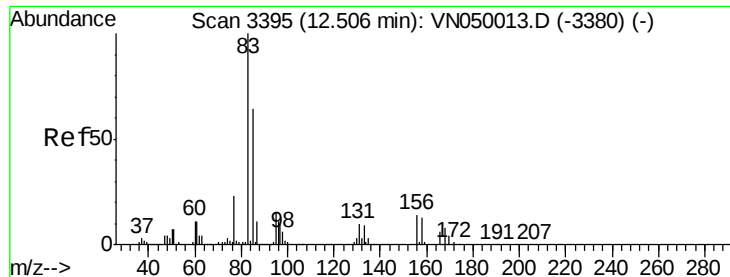
Abundance Ion 43.00 (42.70 to 43.70): VN0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 21.13 ug/l

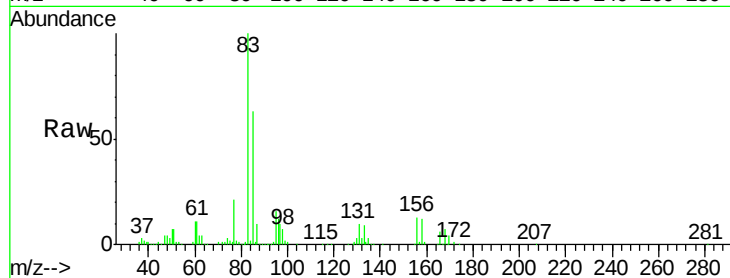
RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN050023.D

Acq: 24 Jul 2018 16:18

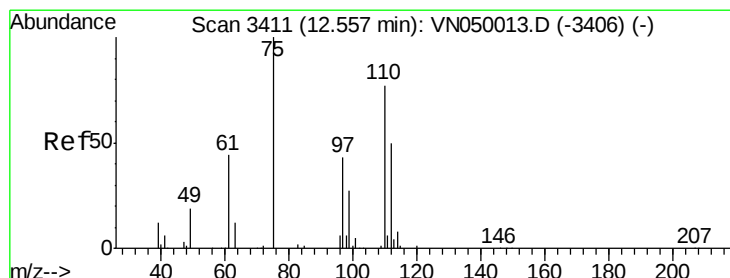
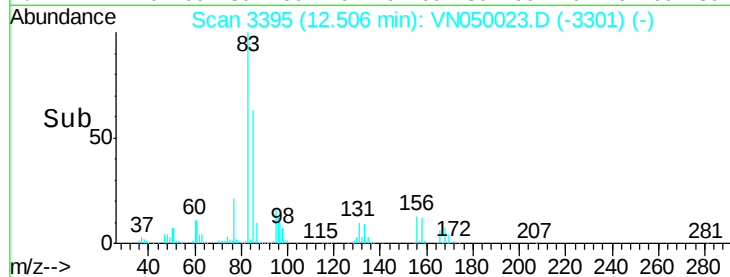
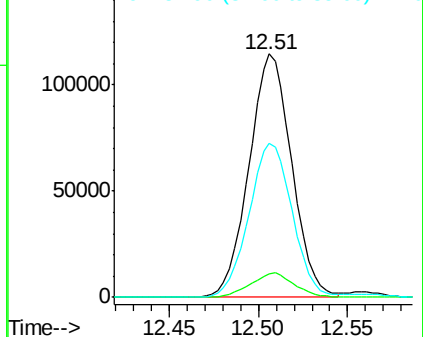
Tot Ion:	83	Resp:	191633
Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.1	15.3
85	64.2	32.3	96.8



Abundance Ion 82.90 (82.60 to 83.60): VN050023.D (-3380) (-)

Ion 130.80 (130.50 to 131.50): VN050023.D (-3380) (-)

Ion 84.90 (84.60 to 85.60): VN050023.D (-3380) (-)



#76

1,2,3-Trichloropropane

Concen: 29.91 ug/l

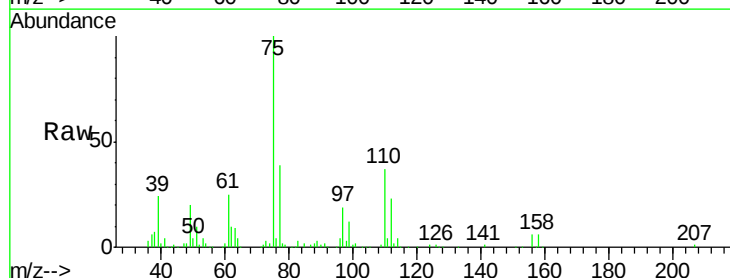
RT: 12.56 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN050023.D

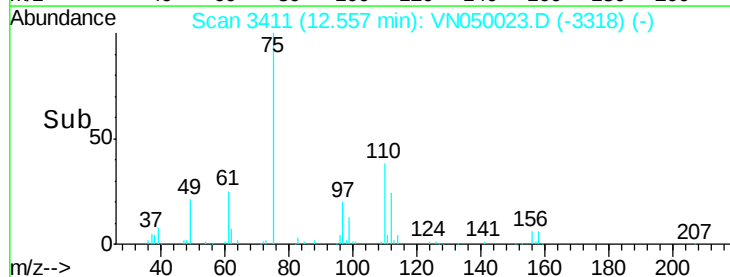
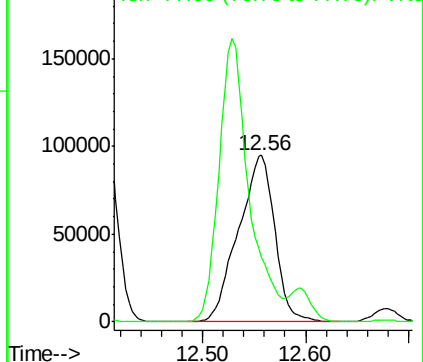
Acq: 24 Jul 2018 16:18

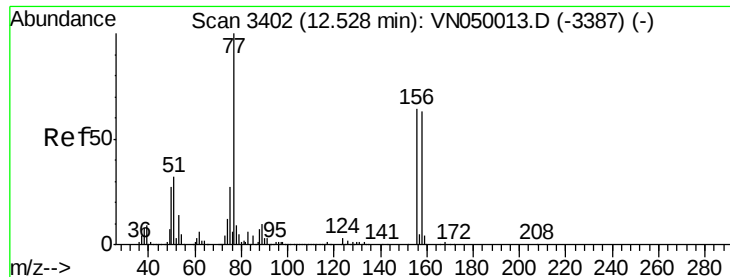
Tgt Ion:	75	Resp:	232164
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN050023.D (-3318) (-)

Ion 77.00 (76.70 to 77.70): VN050023.D (-3318) (-)





#77

Bromobenzene

Concen: 19.81 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN050023.D

Acq: 24 Jul 2018 16:18

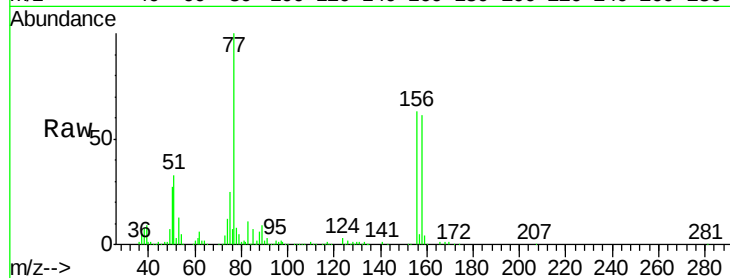
Tot Ion:156 Resp: 177908

Ion Ratio Lower Upper

156 100

77 184.5 91.7 275.1

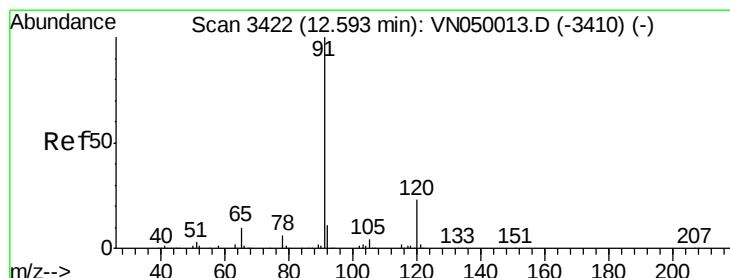
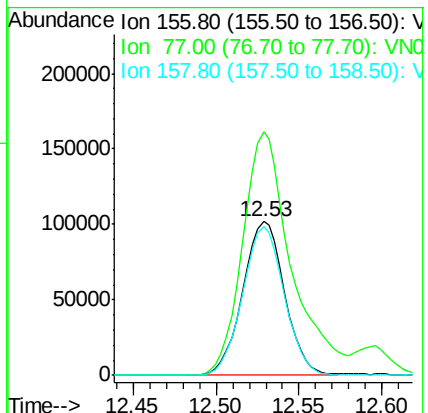
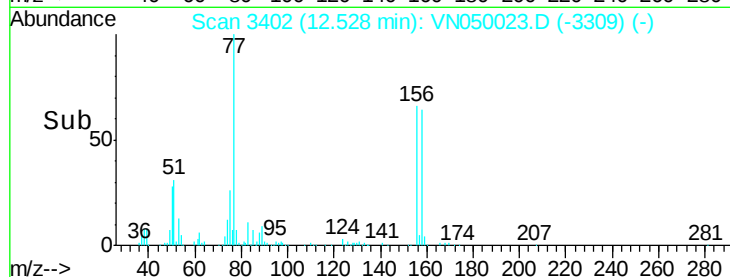
158 96.3 48.9 146.6



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: 21.02 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050023.D

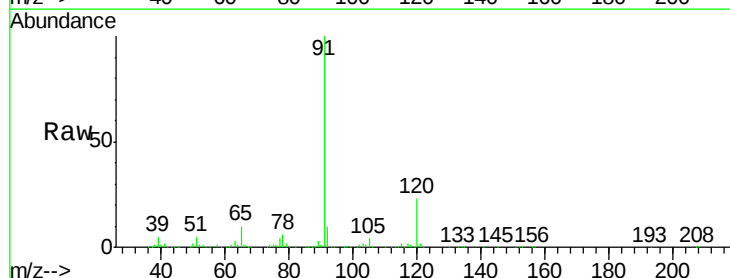
Acq: 24 Jul 2018 16:18

Tgt Ion: 91 Resp: 761047

Ion Ratio Lower Upper

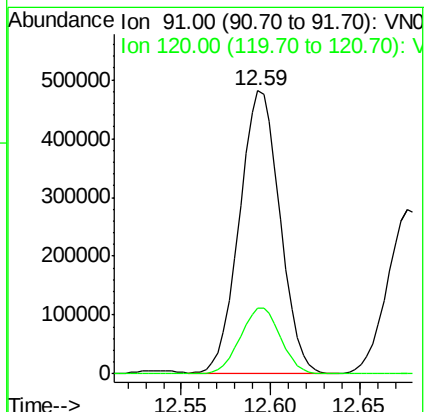
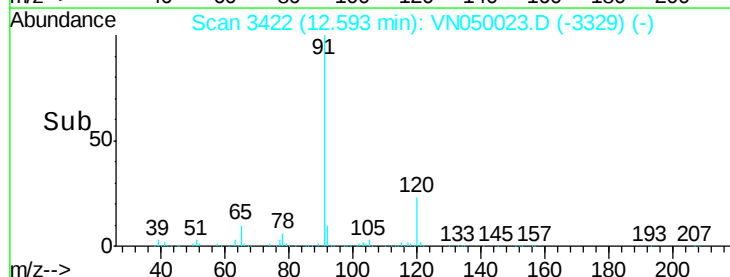
91 100

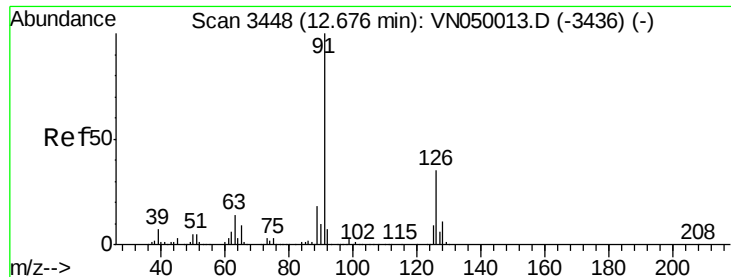
120 23.3 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.65 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN050023.D

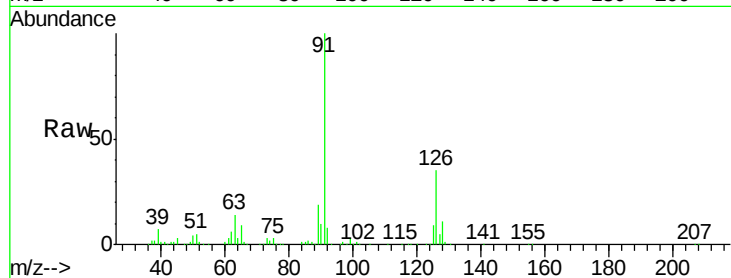
Acq: 24 Jul 2018 16:18

Tot Ion: 91 Resp: 463549

Ion Ratio Lower Upper

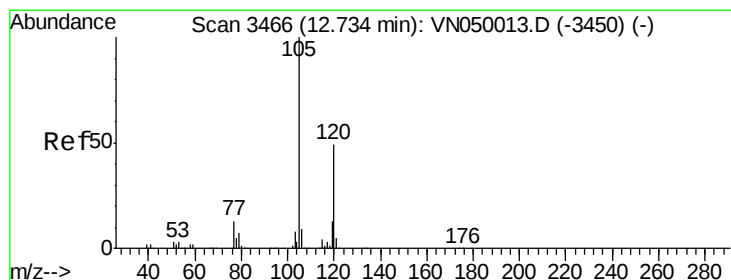
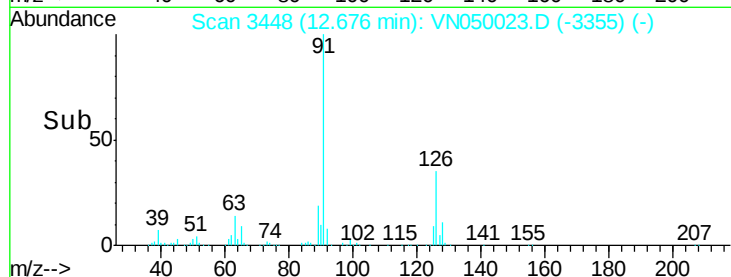
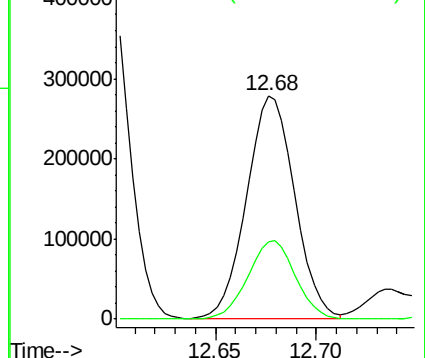
91 100

126 34.9 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VN050013.D (-3436) (-)

Ion 125.90 (125.60 to 126.60): VN050013.D (-3436) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.44 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050023.D

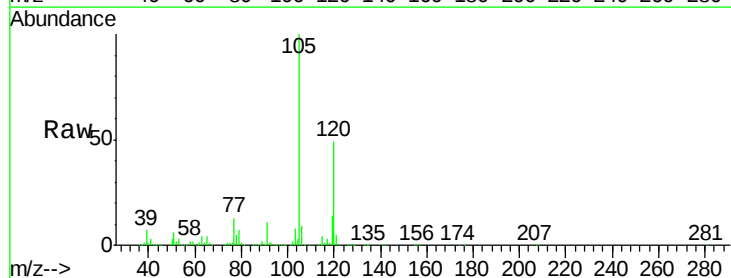
Acq: 24 Jul 2018 16:18

Tgt Ion: 105 Resp: 546442

Ion Ratio Lower Upper

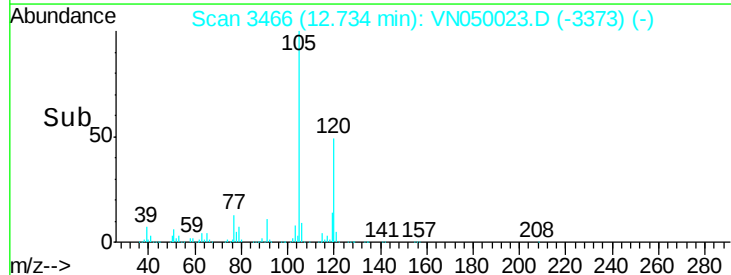
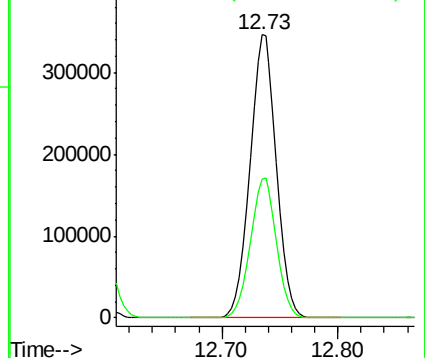
105 100

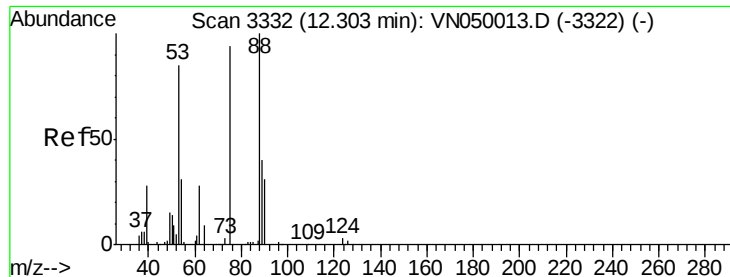
120 49.1 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VN050013.D (-3450) (-)

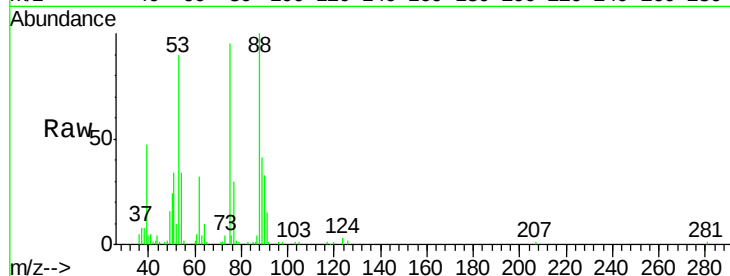
Ion 120.00 (119.70 to 120.70): VN050013.D (-3450) (-)



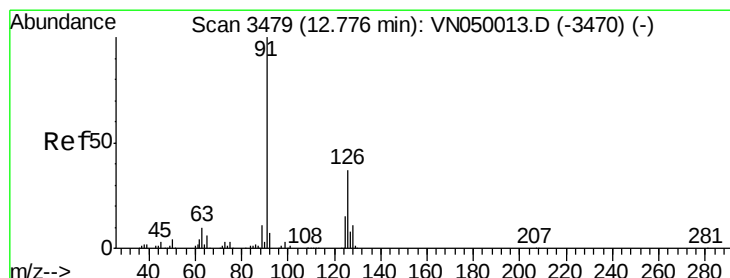
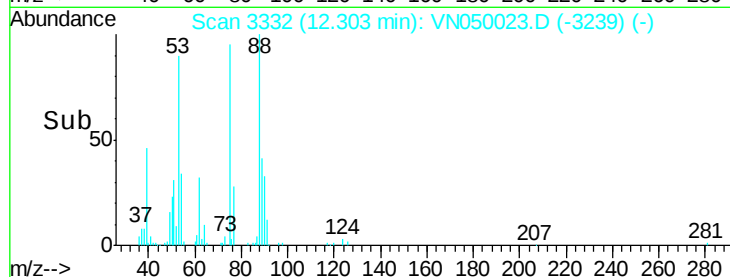
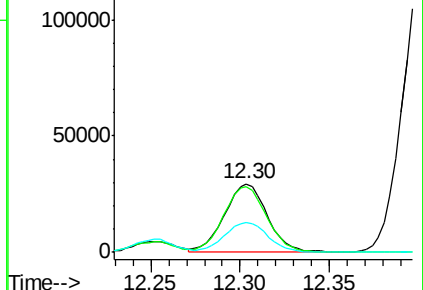


#81
trans-1,4-Dichloro-2-butene
Concen: 20.17 ug/l
RT: 12.30 min Scan# 3332
Delta R.T. 0.00 min
Lab File: VN050023.D
Acq: 24 Jul 2018 16:18

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.8	73.5	110.3
89	44.3	36.0	54.0

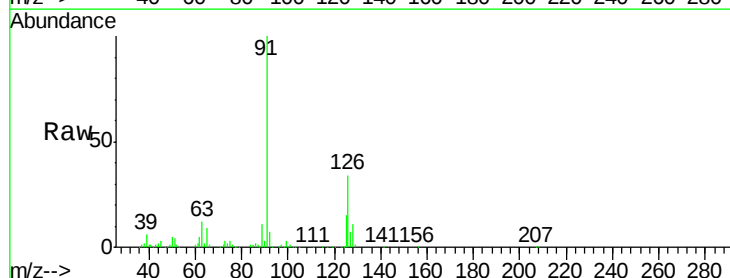


Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 88.90 (88.60 to 89.60): VN0

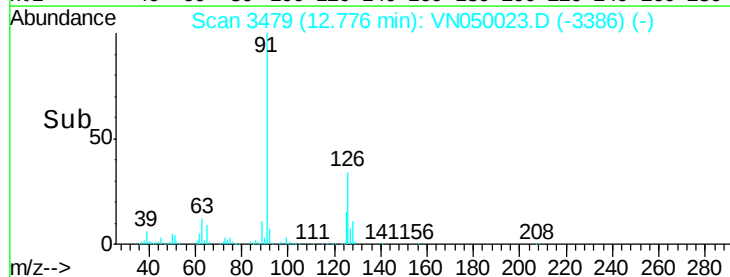
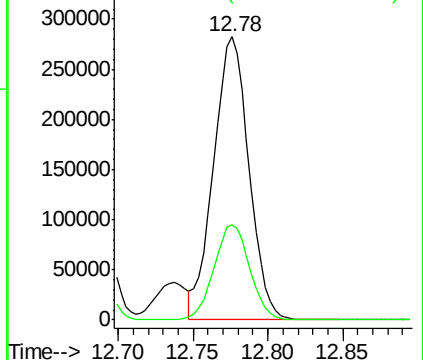


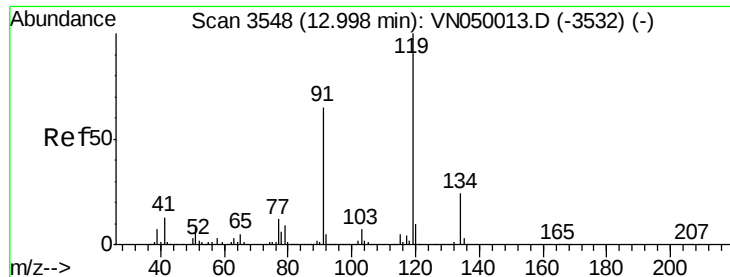
#82
4-Chlorotoluene
Concen: 20.86 ug/l
RT: 12.78 min Scan# 3479
Delta R.T. 0.00 min
Lab File: VN050023.D
Acq: 24 Jul 2018 16:18

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.8	17.0	51.0



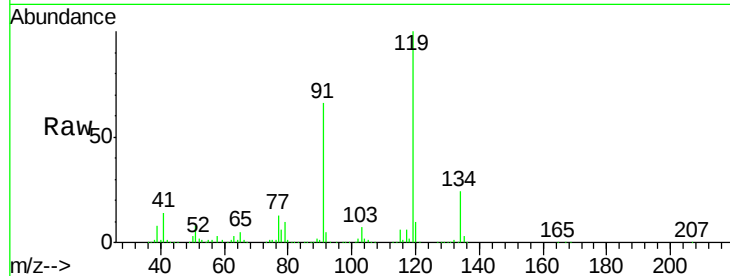
Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 125.90 (125.60 to 126.60): V



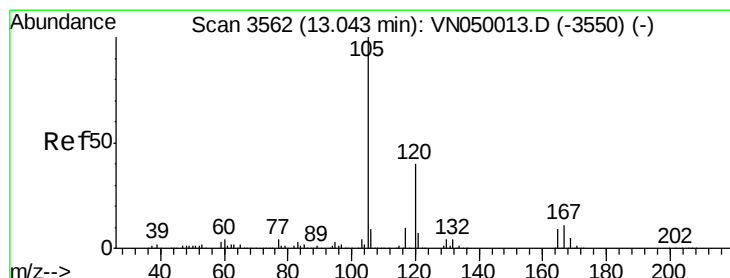
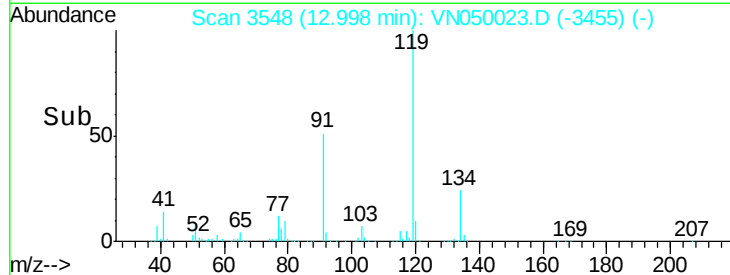
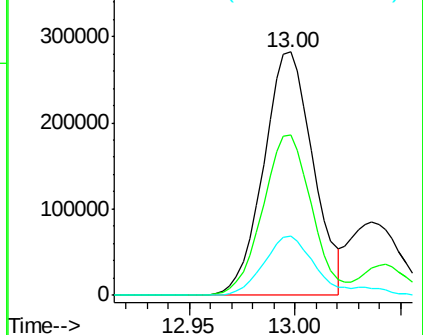


#83
tert-Butylbenzene
Concen: 20.74 ug/l
RT: 13.00 min Scan# 3548
Delta R.T. 0.00 min
Lab File: VN050023.D
Acq: 24 Jul 2018 16:18

Tot Ion:119 Resp: 461252
Ion Ratio Lower Upper
119 100
91 64.7 32.1 96.3
134 24.7 13.2 39.5

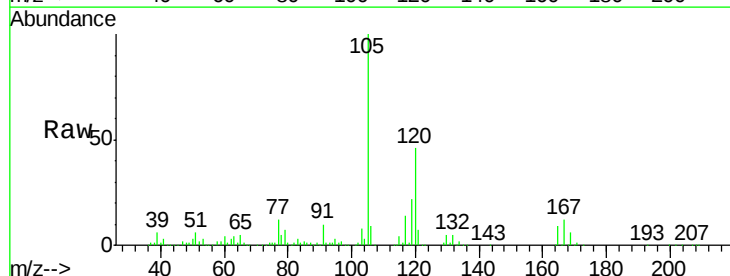


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

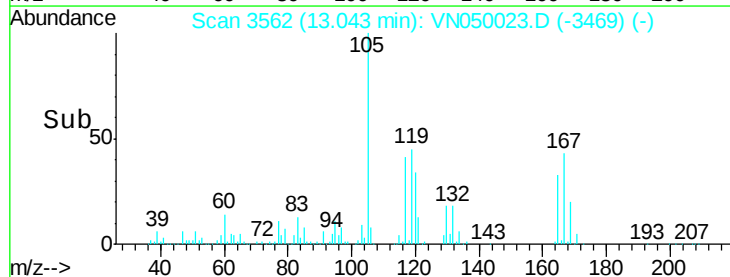
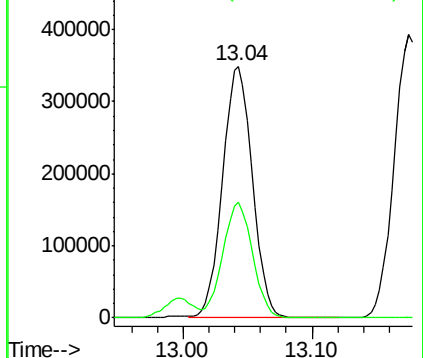


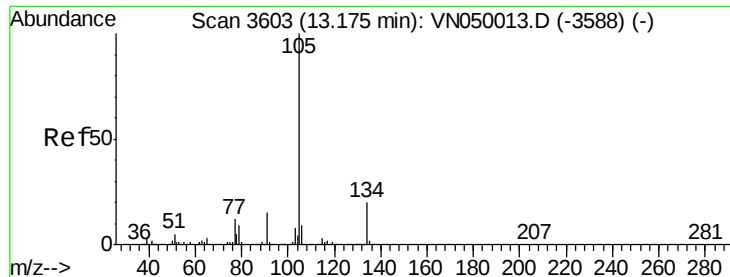
#84
1,2,4-Trimethylbenzene
Concen: 21.71 ug/l
RT: 13.04 min Scan# 3562
Delta R.T. 0.00 min
Lab File: VN050023.D
Acq: 24 Jul 2018 16:18

Tgt Ion:105 Resp: 557510
Ion Ratio Lower Upper
105 100
120 45.9 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: 21.14 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN050023.D

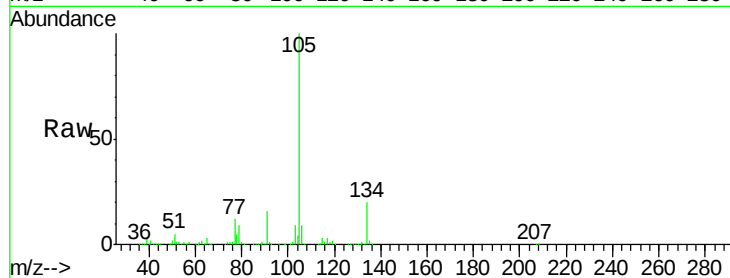
Acq: 24 Jul 2018 16:18

Tot Ion:105 Resp: 628245

Ion Ratio Lower Upper

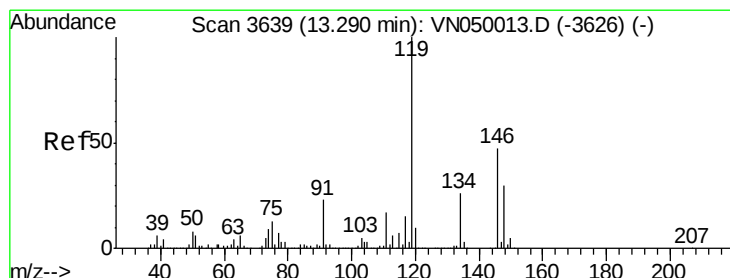
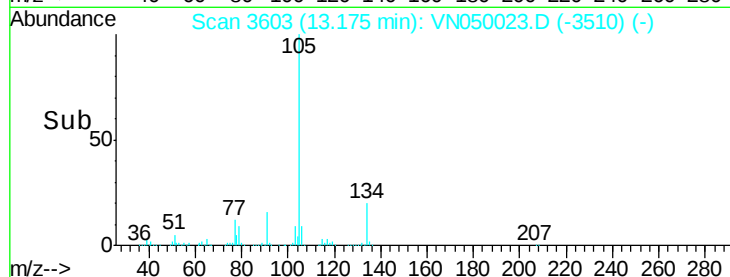
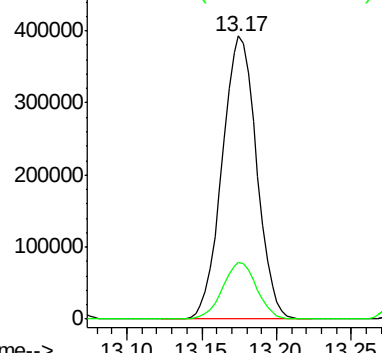
105 100

134 19.8 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.45 ug/l

RT: 13.29 min Scan# 3640

Delta R.T. 0.00 min

Lab File: VN050023.D

Acq: 24 Jul 2018 16:18

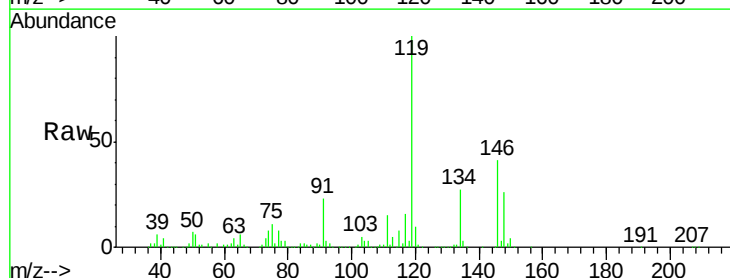
Tgt Ion:119 Resp: 536938

Ion Ratio Lower Upper

119 100

134 27.0 13.3 39.8

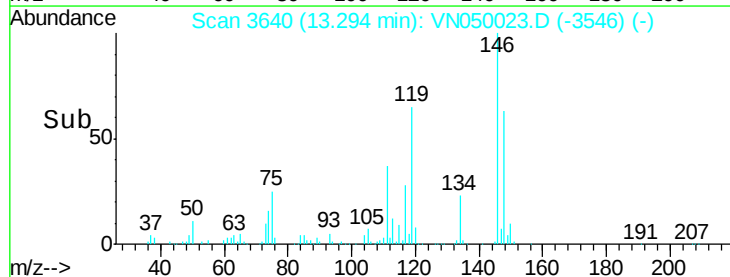
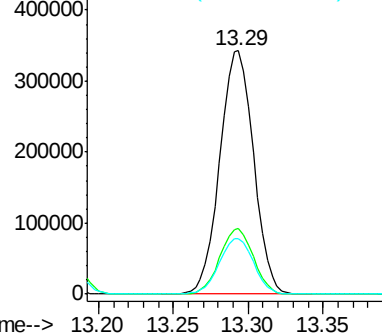
91 23.1 11.4 34.2

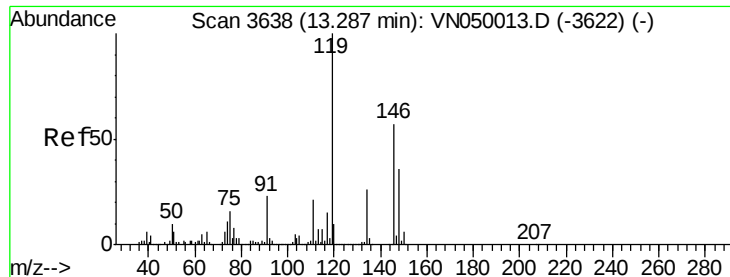


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.09 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. -0.00 min

Lab File: VN050023.D

Acq: 24 Jul 2018 16:18

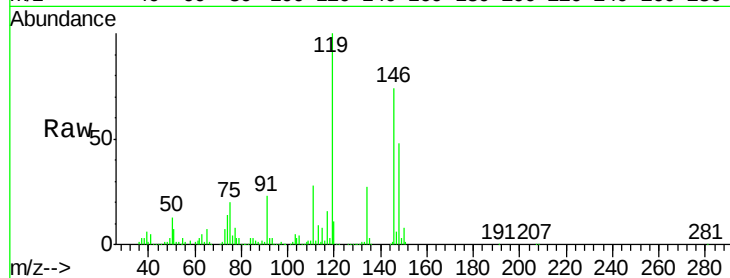
Tot Ion:146 Resp: 305815

Ion Ratio Lower Upper

146 100

111 37.5 18.8 56.4

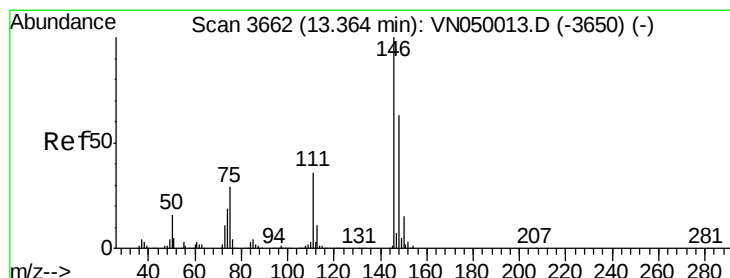
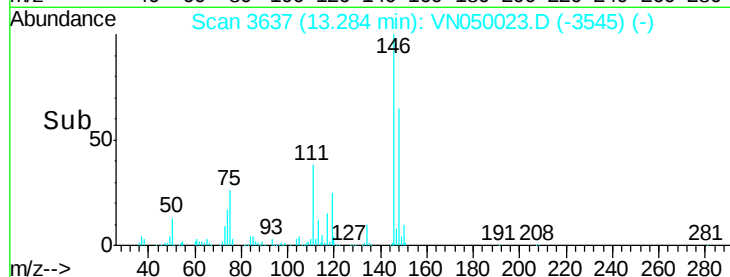
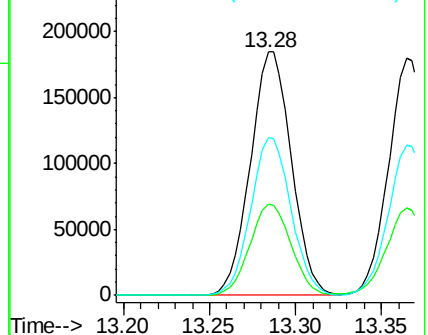
148 63.7 31.9 95.9



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: 19.83 ug/l

RT: 13.36 min Scan# 3662

Delta R.T. 0.00 min

Lab File: VN050023.D

Acq: 24 Jul 2018 16:18

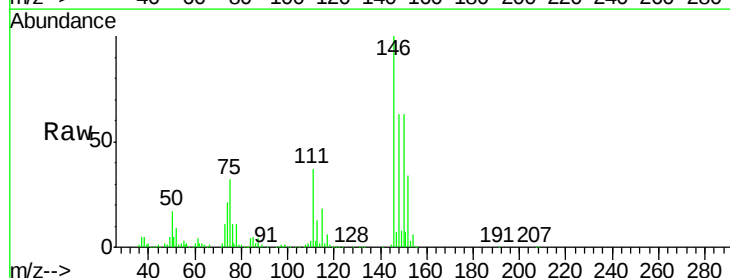
Tgt Ion:146 Resp: 294117

Ion Ratio Lower Upper

146 100

111 38.3 18.3 54.9

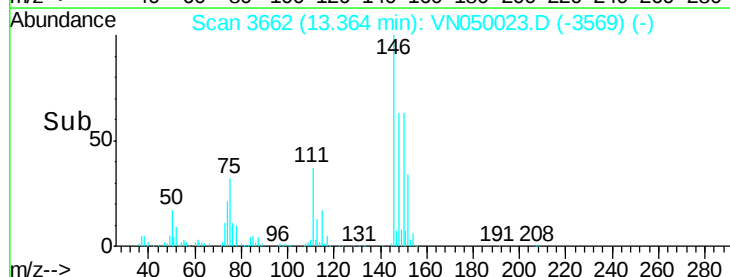
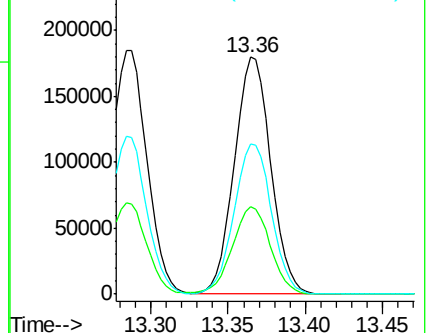
148 64.8 31.9 95.9

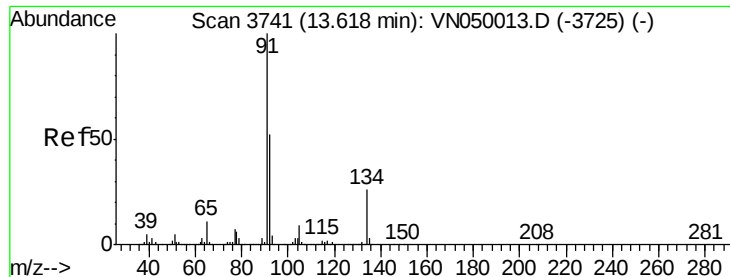


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

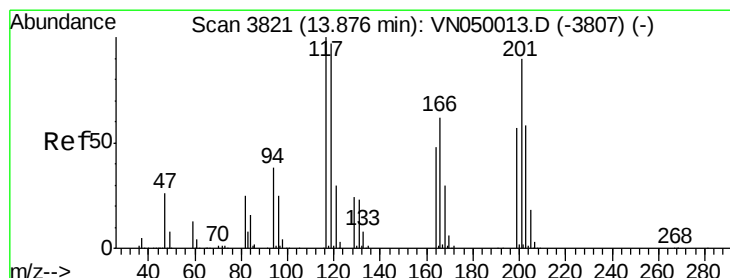
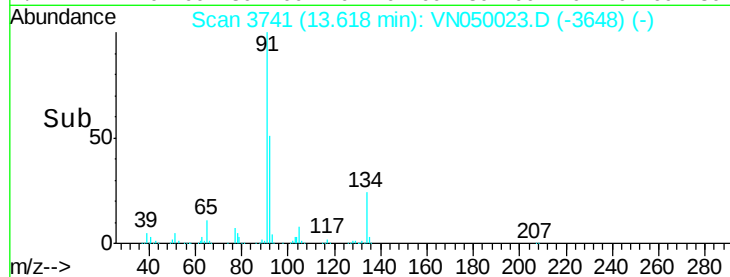
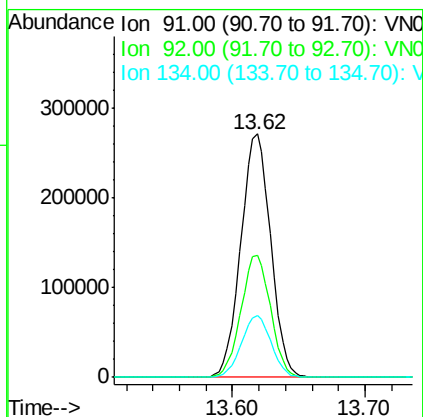
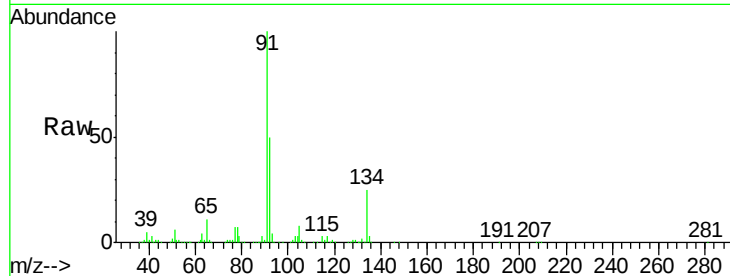
Ion 147.90 (147.60 to 148.60): V





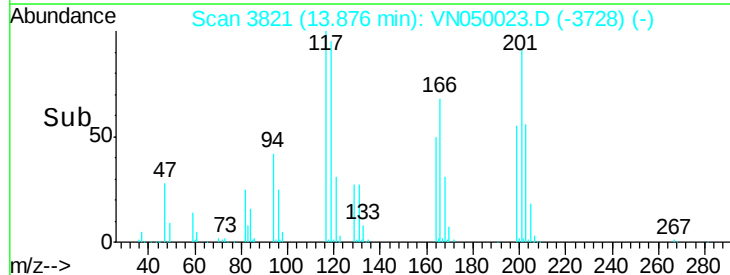
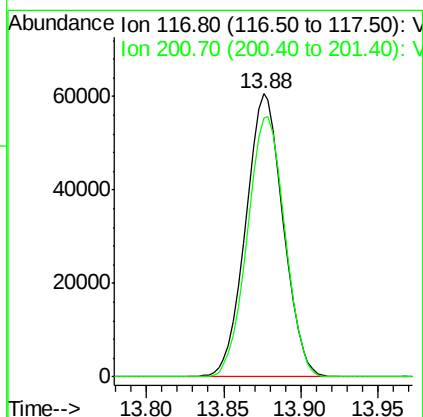
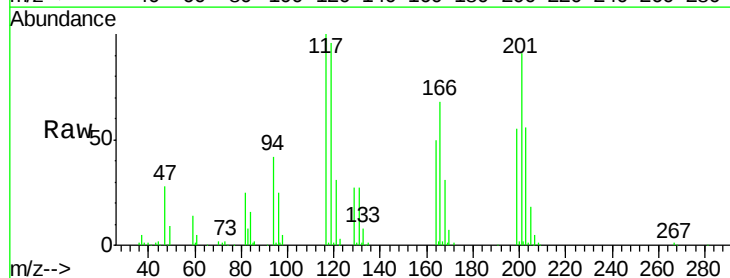
#89
n-Butylbenzene
Concen: 20.60 ug/l
RT: 13.62 min Scan# 3741
Delta R.T. 0.00 min
Lab File: VN050023.D
Acq: 24 Jul 2018 16:18

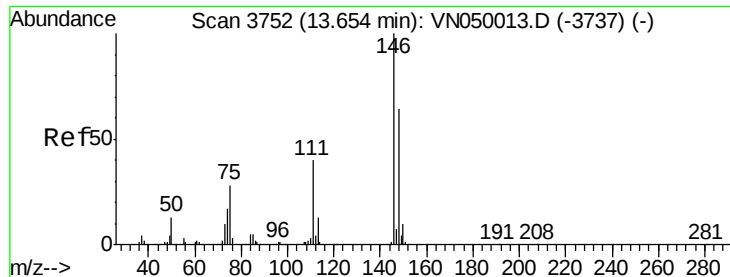
Tot Ion	Ratio	Lower	Upper
91	100		
92	49.6	25.8	77.4
134	25.1	12.8	38.4



#90
Hexachloroethane
Concen: 18.42 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN050023.D
Acq: 24 Jul 2018 16:18

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.9	45.6	136.8





#91

1,2-Dichlorobenzene

Concen: 19.87 ug/l

RT: 13.65 min Scan# 3752

Delta R.T. 0.00 min

Lab File: VN050023.D

Acq: 24 Jul 2018 16:18

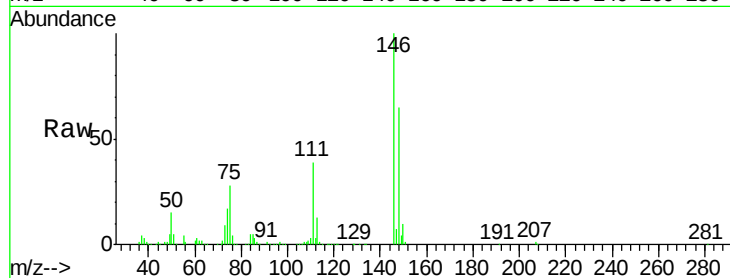
Tot Ion:146 Resp: 302384

Ion Ratio Lower Upper

146 100

111 39.2 19.6 58.7

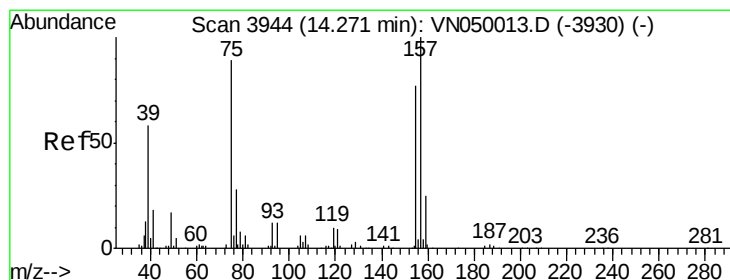
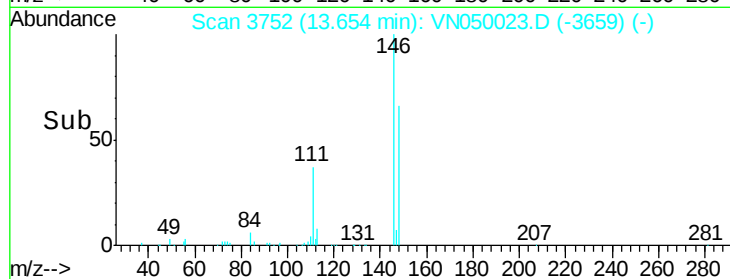
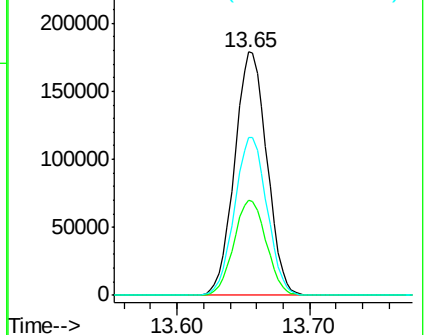
148 65.2 32.1 96.3



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: 20.59 ug/l

RT: 14.27 min Scan# 3945

Delta R.T. 0.00 min

Lab File: VN050023.D

Acq: 24 Jul 2018 16:18

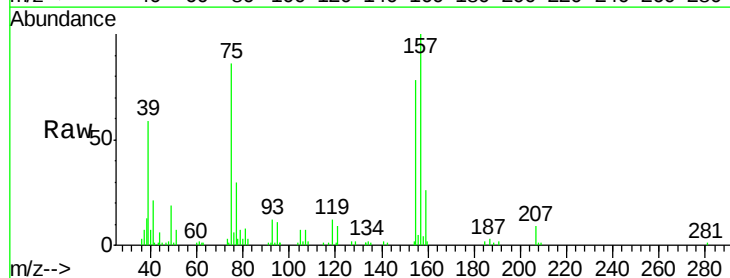
Tgt Ion: 75 Resp: 30406

Ion Ratio Lower Upper

75 100

155 90.3 44.8 134.4

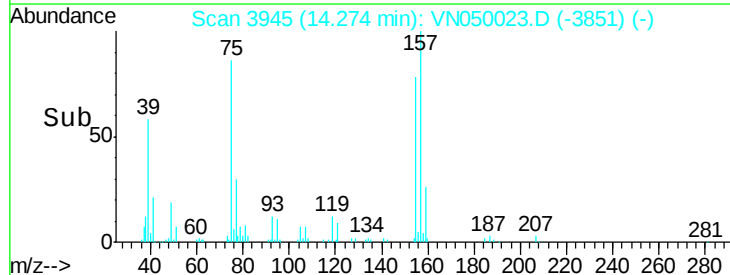
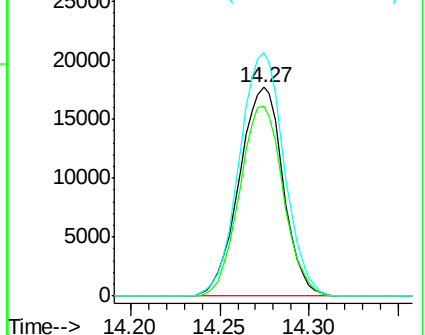
157 118.8 57.2 171.6

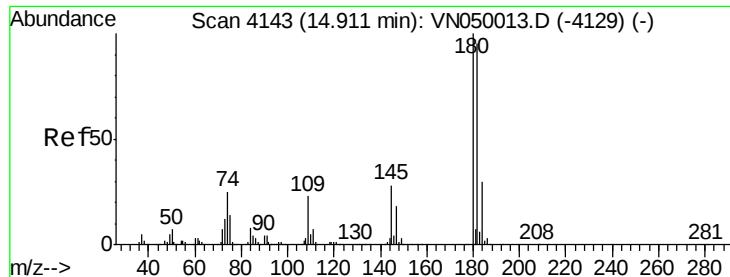


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

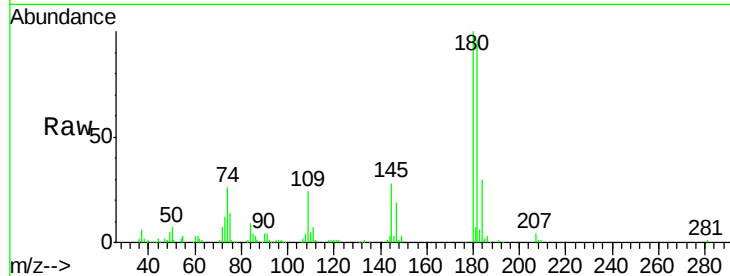
Ion 156.80 (156.50 to 157.50): V



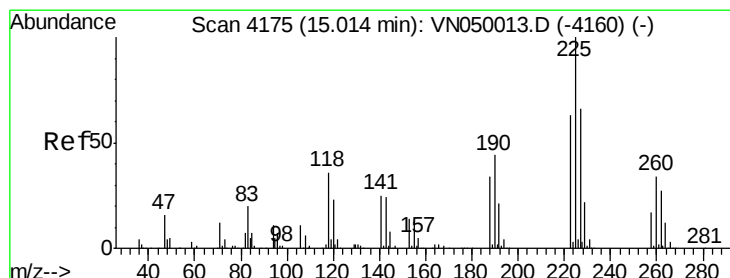
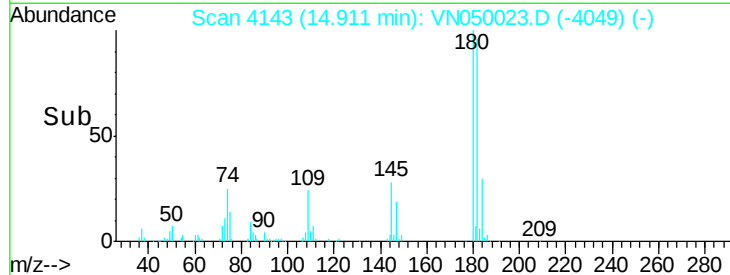
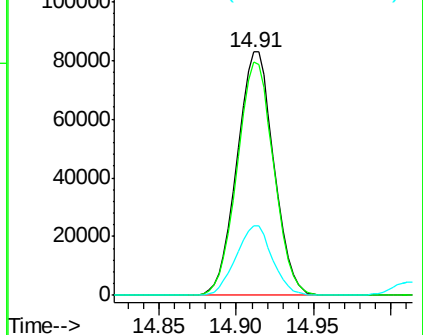


#93
 1,2,4-Trichlorobenzene
 Concen: 18.98 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN050023.D
 Acq: 24 Jul 2018 16:18

Tot Ion:180 Resp: 136669
 Ion Ratio Lower Upper
 180 100
 182 95.3 46.7 140.1
 145 28.1 13.8 41.4

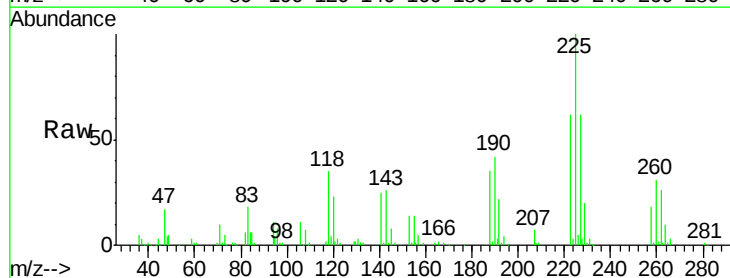


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

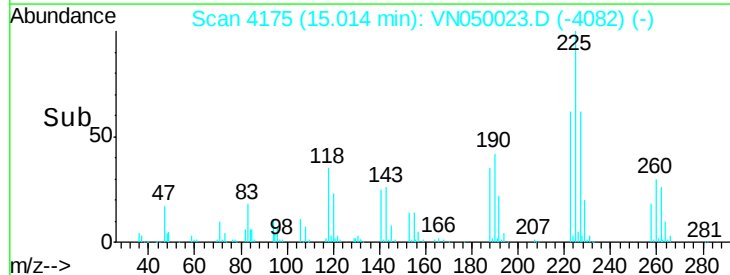
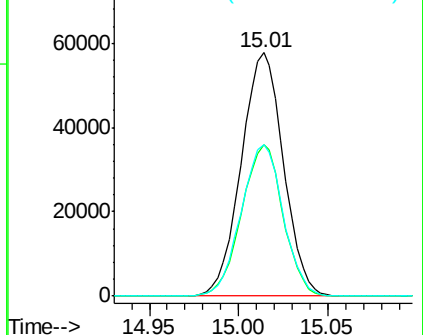


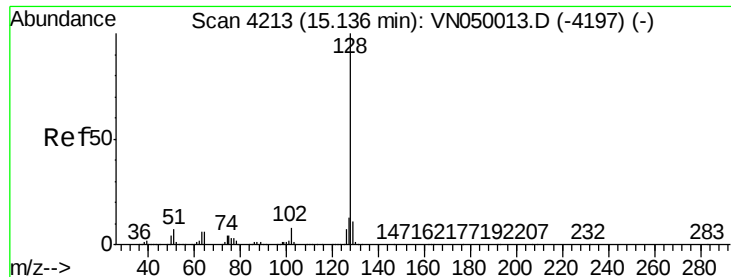
#94
 Hexachlorobutadiene
 Concen: 20.43 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN050023.D
 Acq: 24 Jul 2018 16:18

Tgt Ion:225 Resp: 95146
 Ion Ratio Lower Upper
 225 100
 223 61.0 31.4 94.2
 227 61.9 32.1 96.5



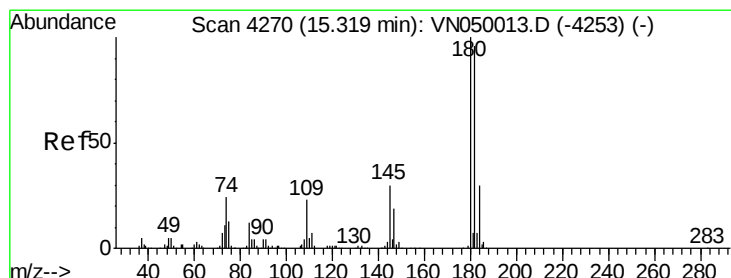
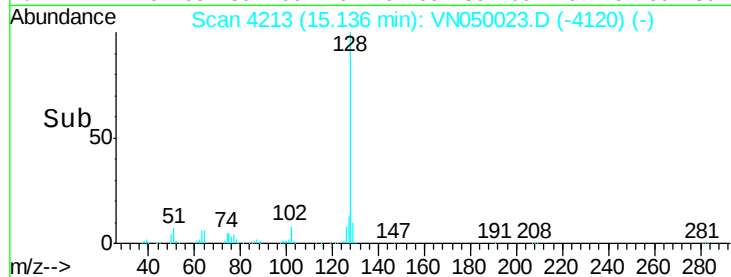
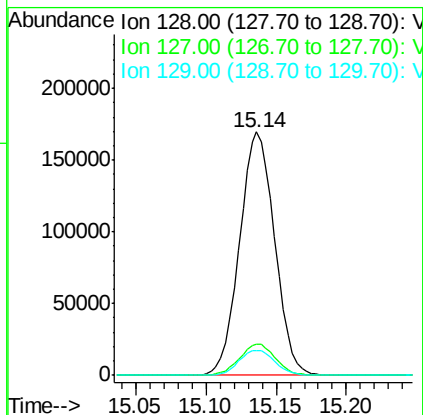
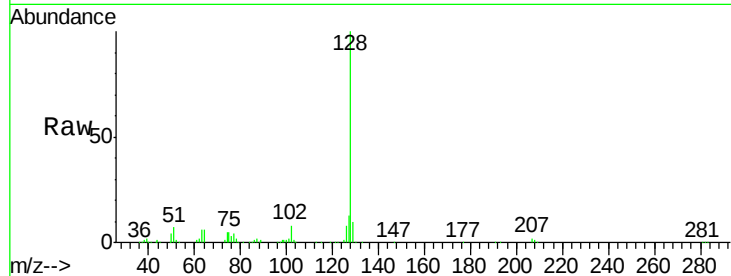
Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95
Naphthalene
Concen: 18.53 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050023.D
Acq: 24 Jul 2018 16:18

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.6	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.50 ug/l
RT: 15.32 min Scan# 4270
Delta R.T. 0.00 min
Lab File: VN050023.D
Acq: 24 Jul 2018 16:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	48.1	144.4
145	30.4	15.3	45.9

