

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022219\
 Data File : VN053920.D
 Acq On : 22 Feb 2019 17:05
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 22 22:17:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 21 03:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	650028	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	979181	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	864716	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	409865	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	332762	50.09	ug/l	0.00
Spiked Amount			Recovery	=	100.18%	
35) Dibromofluoromethane	7.59	113	321271	49.99	ug/l	0.00
Spiked Amount			Recovery	=	99.98%	
50) Toluene-d8	10.09	98	1194340	51.46	ug/l	0.00
Spiked Amount			Recovery	=	102.92%	
62) 4-Bromofluorobenzene	12.40	95	401296	52.37	ug/l	0.00
Spiked Amount			Recovery	=	104.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	256348	45.391	ug/l	100
3) Chloromethane	2.06	50	329723	46.962	ug/l	98
4) Vinyl Chloride	2.19	62	370721	49.189	ug/l	98
5) Bromomethane	2.57	94	214831	38.924	ug/l	100
6) Chloroethane	2.71	64	242329	49.750	ug/l	100
7) Trichlorofluoromethane	3.02	101	527520	49.290	ug/l	99
8) Diethyl Ether	3.41	74	193117	51.331	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	312830	48.502	ug/l	99
10) Methyl Iodide	3.96	142	420845	44.000	ug/l	99
11) Tert butyl alcohol	4.78	59	117112	282.396	ug/l	99
12) 1,1-Dichloroethene	3.74	96	305086	50.576	ug/l	99
13) Acrolein	3.61	56	115033	388.085	ug/l	98
14) Allyl chloride	4.33	41	492965	53.997	ug/l	99
15) Acrylonitrile	4.99	53	574391	274.936	ug/l	100
16) Acetone	3.81	43	439630	240.628	ug/l	99
17) Carbon Disulfide	4.06	76	898503	48.091	ug/l	100
18) Methyl Acetate	4.33	43	233098	54.058	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	858245	56.077	ug/l	100
20) Methylene Chloride	4.55	84	346337	50.634	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	325216	51.367	ug/l	95
22) Diisopropyl ether	5.95	45	951186	55.891	ug/l	97
23) Vinyl Acetate	5.90	43	3508613	286.779	ug/l	100
24) 1,1-Dichloroethane	5.85	63	602358	52.277	ug/l	100
25) 2-Butanone	6.83	43	622802	264.175	ug/l	97
26) 2,2-Dichloropropane	6.83	77	454682	52.002	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	370058	52.177	ug/l	100
28) Bromochloromethane	7.19	49	247513	49.219	ug/l	99
29) Tetrahydrofuran	7.21	42	389378	255.385	ug/l	99
30) Chloroform	7.37	83	560362	48.400	ug/l	98
31) Cyclohexane	7.65	56	513827	48.687	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	483279	48.787	ug/l	100
36) 1,1-Dichloropropene	7.79	75	431296	48.054	ug/l	100
37) Ethyl Acetate	6.93	43	267044	49.433	ug/l	100
38) Carbon Tetrachloride	7.77	117	438577	48.947	ug/l	100

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

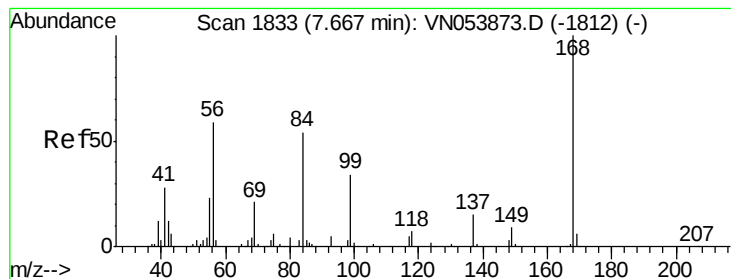
39) Methylcyclohexane	9.08	83	525671	50.828	ug/l	99
40) Benzene	8.04	78	1318821	49.704	ug/l	100
41) Methacrylonitrile	7.17	41	137153	46.524	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	388340	49.094	ug/l	100
43) Isopropyl Acetate	8.16	43	480924	50.234	ug/l #	90
44) Trichloroethene	8.83	130	364901	49.127	ug/l	96
45) 1,2-Dichloropropane	9.12	63	343639	50.728	ug/l	99
46) Dibromomethane	9.21	93	207198	50.798	ug/l	99
47) Bromodichloromethane	9.40	83	433033	50.326	ug/l	100
48) Methyl methacrylate	9.20	41	219813	53.552	ug/l	90
49) 1,4-Dioxane	9.20	88	65197	981.205	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	1250649	254.148	ug/l	98
52) Toluene	10.16	92	808707	51.432	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	455726	54.543	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	527806	53.594	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	294219	51.186	ug/l	99
56) Ethyl methacrylate	10.43	69	371870	50.287	ug/l	99
57) 1,3-Dichloropropane	10.71	76	497102	51.363	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	841120	253.143	ug/l	99
59) 2-Hexanone	10.75	43	816548	271.856	ug/l	97
60) Dibromochloromethane	10.90	129	347667	51.818	ug/l	99
61) 1,2-Dibromoethane	11.01	107	295516	51.749	ug/l	100
64) Tetrachloroethene	10.63	164	348713	45.098	ug/l	98
65) Chlorobenzene	11.43	112	902615	49.869	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	336888	51.006	ug/l	100
67) Ethyl Benzene	11.51	91	1508823	51.509	ug/l	99
68) m/p-Xylenes	11.62	106	1179881	104.028	ug/l	99
69) o-Xylene	11.95	106	570576	52.255	ug/l	99
70) Styrene	11.96	104	923787	53.914	ug/l	99
71) Bromoform	12.13	173	243831	52.018	ug/l #	100
73) Isopropylbenzene	12.25	105	1476687	51.142	ug/l	99
74) N-amyl acetate	12.07	43	372181	56.130	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	347638	50.924	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	437715	72.748	ug/l #	100
77) Bromobenzene	12.53	156	432880	55.887	ug/l	92
78) n-propylbenzene	12.59	91	1692147	52.406	ug/l	99
79) 2-Chlorotoluene	12.68	91	995241	51.120	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1252385	52.254	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	100449	55.114	ug/l	99
82) 4-Chlorotoluene	12.77	91	1005625	51.847	ug/l	100
83) tert-Butylbenzene	12.99	119	1126638	52.350	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1273625	52.983	ug/l	99
85) sec-Butylbenzene	13.17	105	1484701	51.238	ug/l	99
86) p-Isopropyltoluene	13.29	119	1314600	52.274	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	692622	51.243	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	682192	50.162	ug/l	99
89) n-Butylbenzene	13.61	91	1090610	52.737	ug/l	100
90) Hexachloroethane	13.87	117	233248	48.550	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	675675	50.953	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	52337	52.539	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	388269	48.430	ug/l	98
94) Hexachlorobutadiene	15.01	225	240434	43.477	ug/l	99
95) Naphthalene	15.13	128	930292	56.540	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	372888	48.979	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053920.D

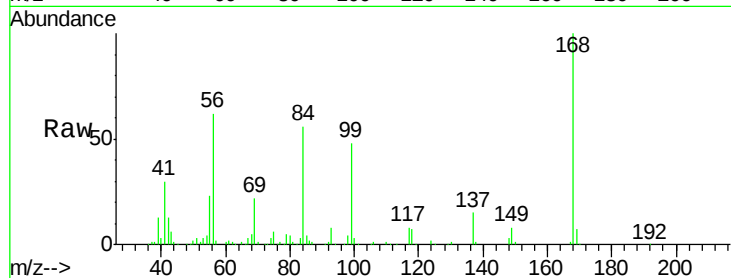
Acq: 22 Feb 2019 17:05

Tot Ion:168 Resp: 650028

Ion Ratio Lower Upper

168 100

99 48.2 36.9 55.3



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

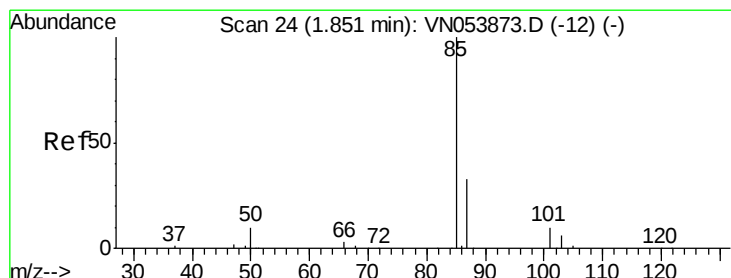
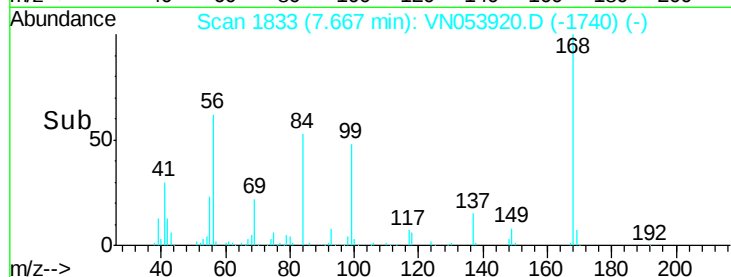
50000

0

Time-->

7.60

7.80



#2

Dichlorodifluoromethane

Concen: 45.391 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN053920.D

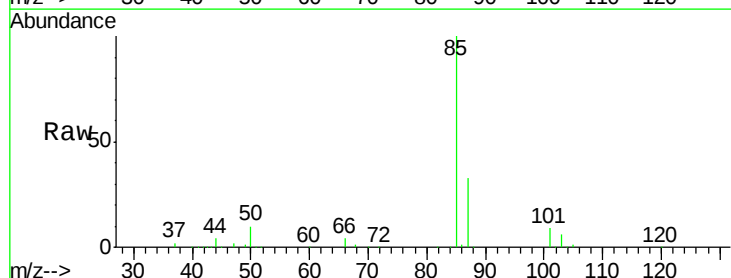
Acq: 22 Feb 2019 17:05

Tgt Ion: 85 Resp: 256348

Ion Ratio Lower Upper

85 100

87 33.0 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

200000

150000

100000

50000

0

Time-->

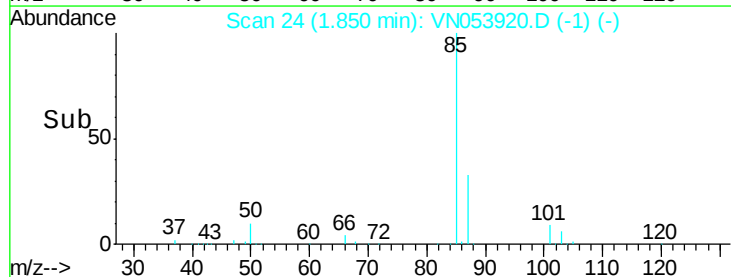
1.75

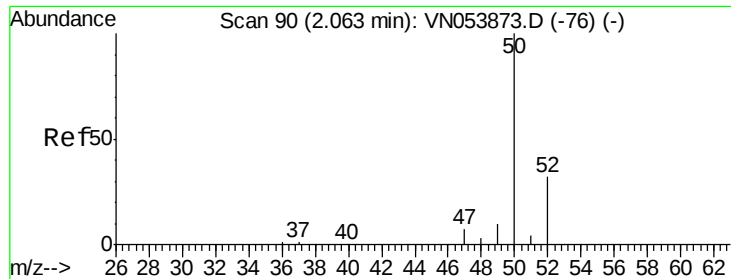
1.80

1.85

1.90

1.95





#3

Chloromethane

Concen: 46.962 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN053920.D

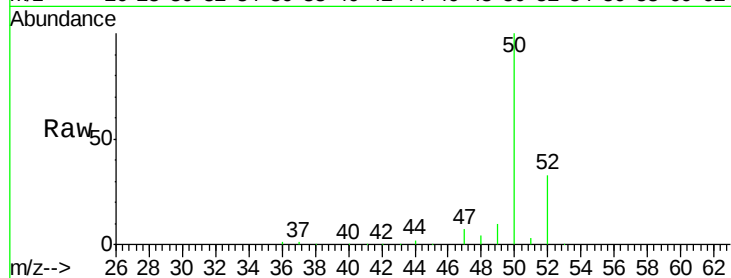
Acq: 22 Feb 2019 17:05

Tot Ion: 50 Resp: 329723

Ion Ratio Lower Upper

50 100

52 33.4 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

200000

150000

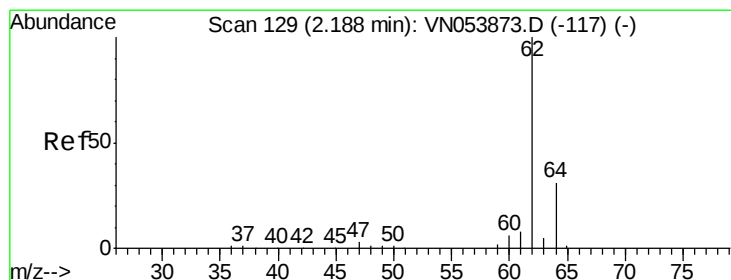
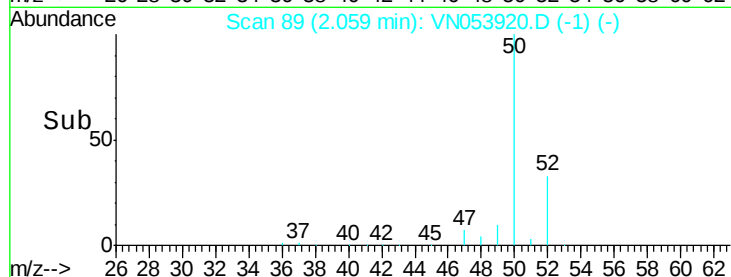
100000

50000

0

Time-->

2.00 2.05 2.10 2.15



#4

Vinyl Chloride

Concen: 49.189 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN053920.D

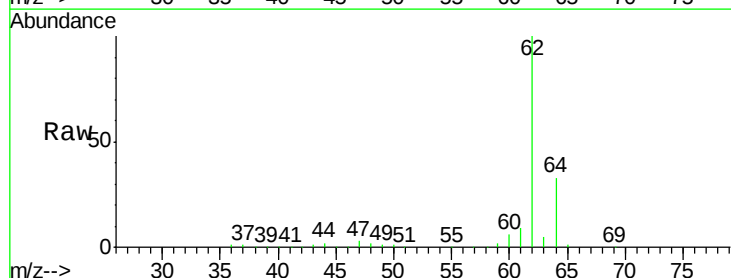
Acq: 22 Feb 2019 17:05

Tgt Ion: 62 Resp: 370721

Ion Ratio Lower Upper

62 100

64 32.6 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.19

250000

200000

150000

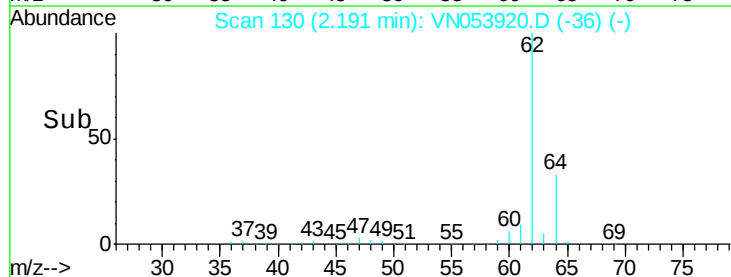
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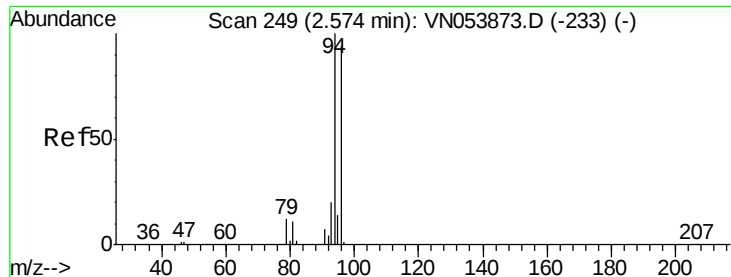
50000

0

Time-->

2.10 2.15 2.20 2.25 2.30





#5

Bromomethane

Concen: 38.924 ug/l

RT: 2.57 min Scan# 249

Delta R.T. -0.00 min

Lab File: VN053920.D

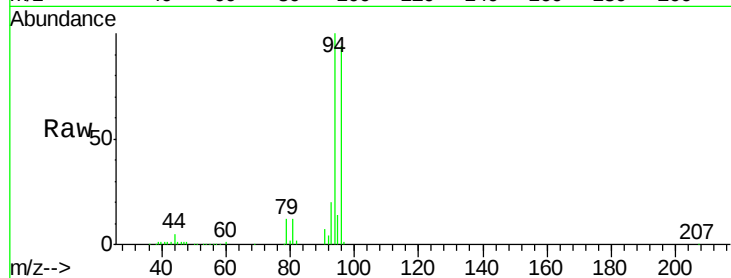
Acq: 22 Feb 2019 17:05

Tot Ion: 94 Resp: 214831

Ion Ratio Lower Upper

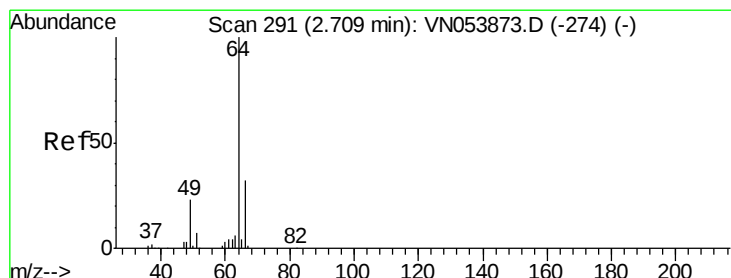
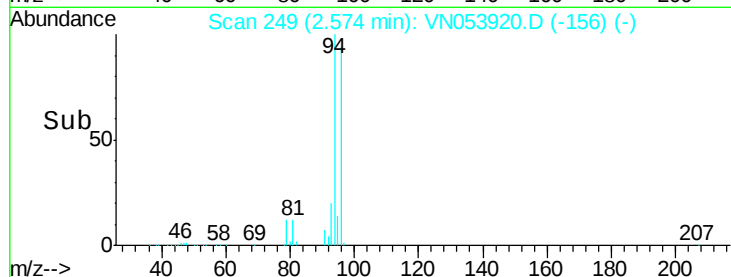
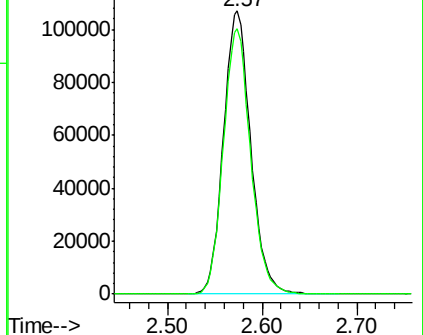
94 100

96 93.7 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VN053920.D (-156) (-)

Ion 95.90 (95.60 to 96.60): VN053920.D (-156) (-)



#6

Chloroethane

Concen: 49.750 ug/l

RT: 2.71 min Scan# 291

Delta R.T. -0.00 min

Lab File: VN053920.D

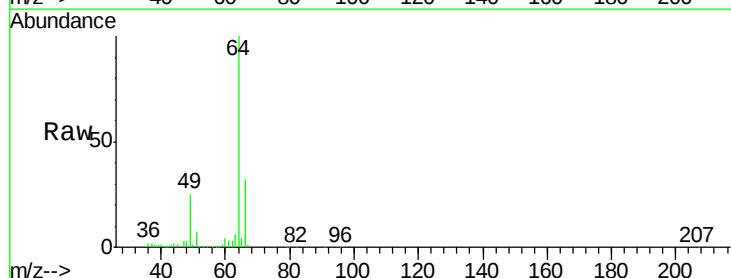
Acq: 22 Feb 2019 17:05

Tgt Ion: 64 Resp: 242329

Ion Ratio Lower Upper

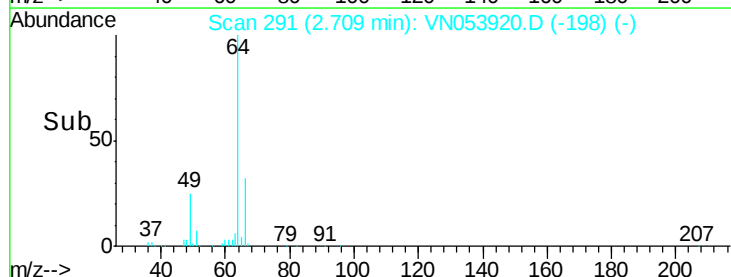
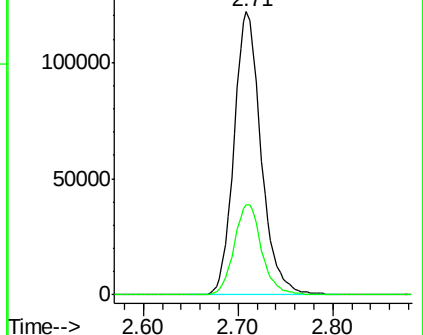
64 100

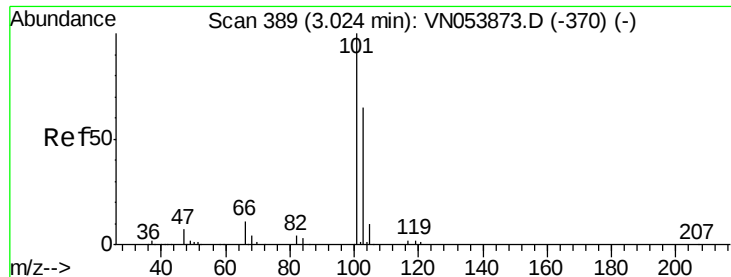
66 32.0 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VN053920.D (-198) (-)

Ion 65.90 (65.60 to 66.60): VN053920.D (-198) (-)

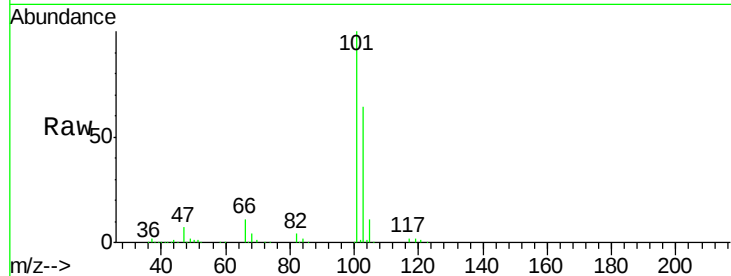




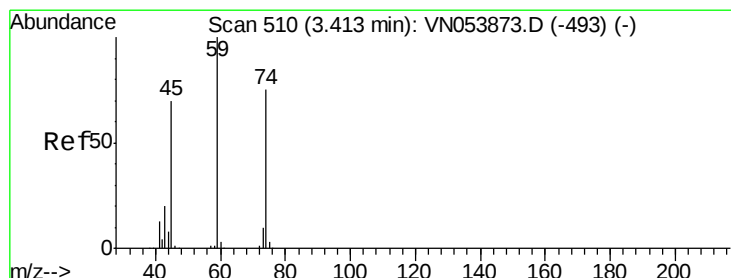
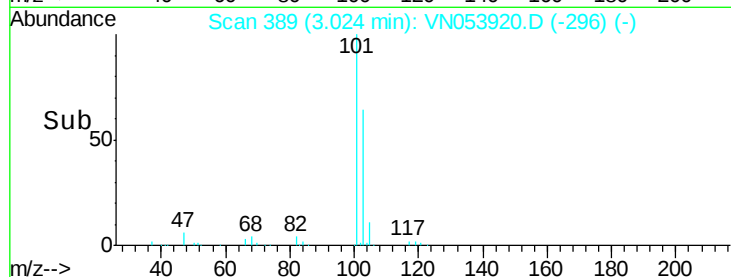
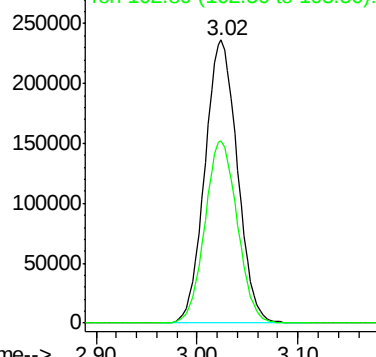
#7

Trichlorofluoromethane
 Concen: 49.290 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VN053920.D
 Acq: 22 Feb 2019 17:05

Tot Ion:101 Resp: 527520
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.9 77.9



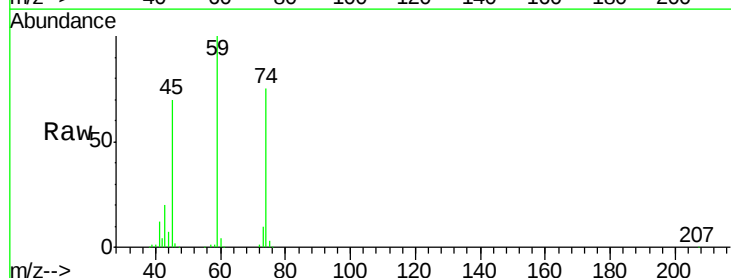
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



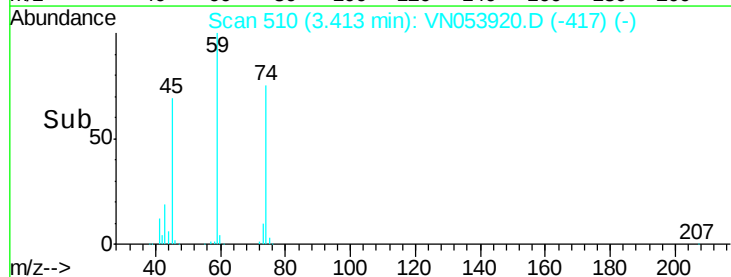
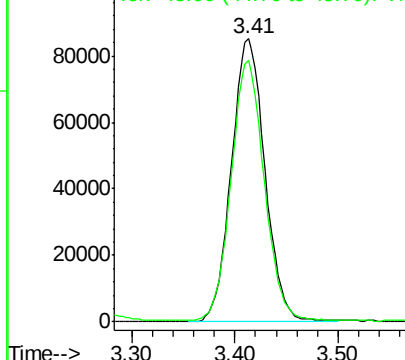
#8

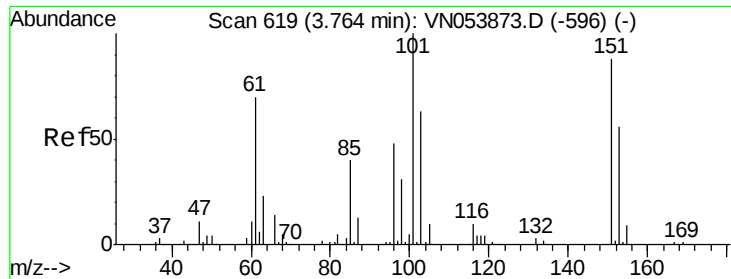
Diethyl Ether
 Concen: 51.331 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VN053920.D
 Acq: 22 Feb 2019 17:05

Tgt Ion: 74 Resp: 193117
 Ion Ratio Lower Upper
 74 100
 45 90.8 46.9 140.6



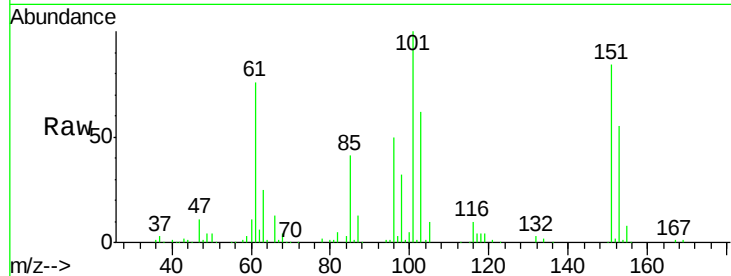
Abundance Ion 74.00 (73.70 to 74.70): VNO
 Ion 45.00 (44.70 to 45.70): VNO



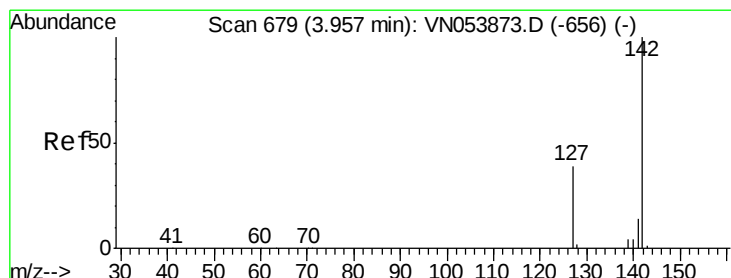
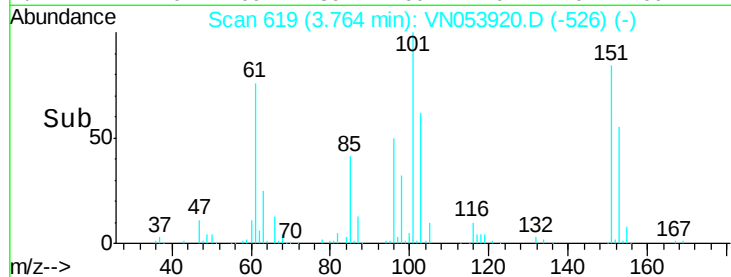
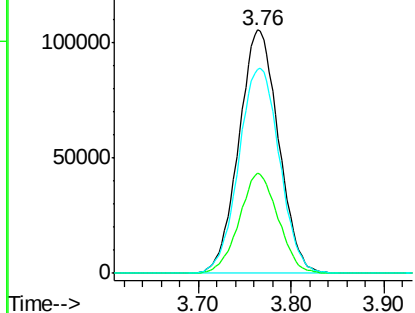


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.502 ug/l
 RT: 3.76 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: VN053920.D
 Acq: 22 Feb 2019 17:05

Tot Ion	Ratio	Lower	Upper
101	100		
85	40.4	32.5	48.7
151	87.0	70.2	105.2

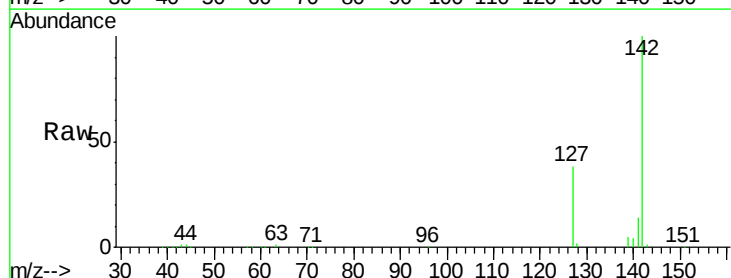


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

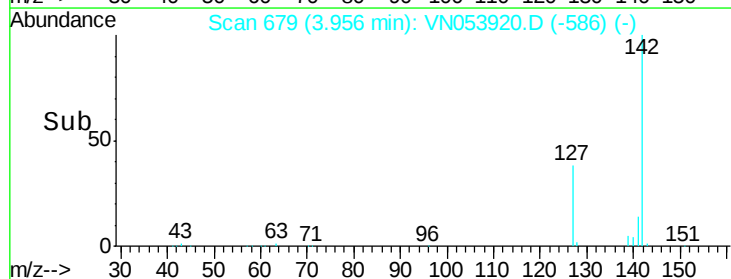
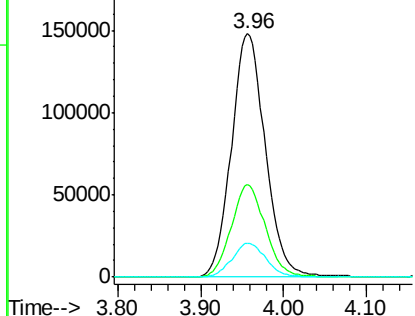


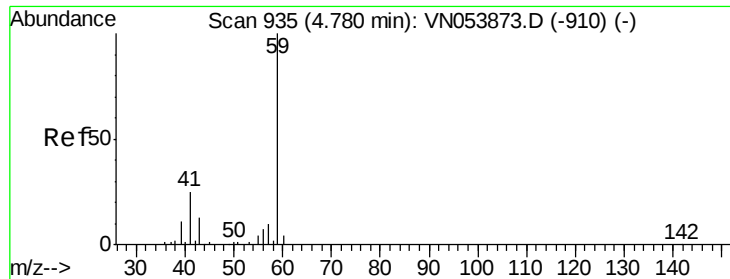
#10
 Methyl Iodide
 Concen: 44.000 ug/l
 RT: 3.96 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: VN053920.D
 Acq: 22 Feb 2019 17:05

Tgt Ion	Ratio	Lower	Upper
142	100		
127	38.3	31.0	46.4
141	13.9	11.3	16.9



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

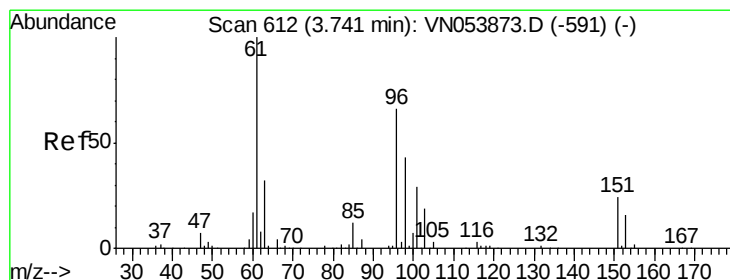
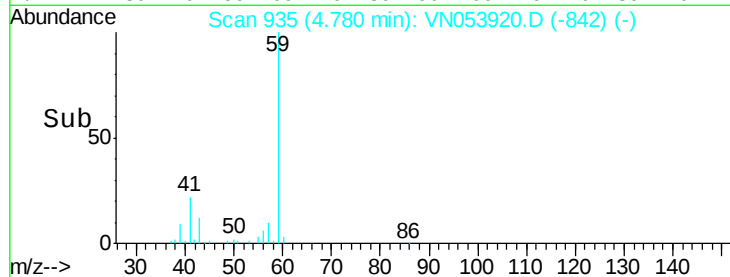
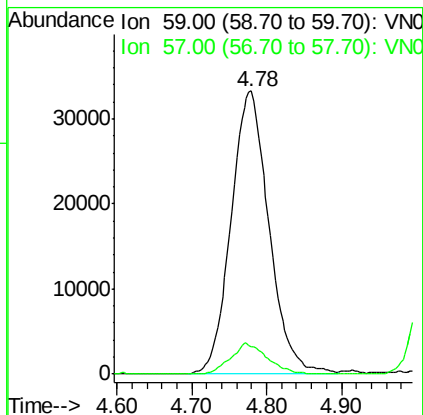
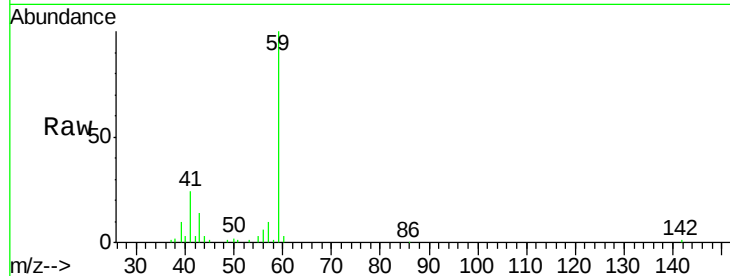




#11

Tert butyl alcohol
 Concen: 282.396 ug/l
 RT: 4.78 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: VN053920.D
 Acq: 22 Feb 2019 17:05

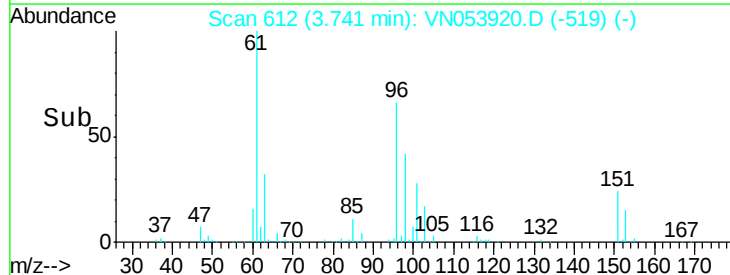
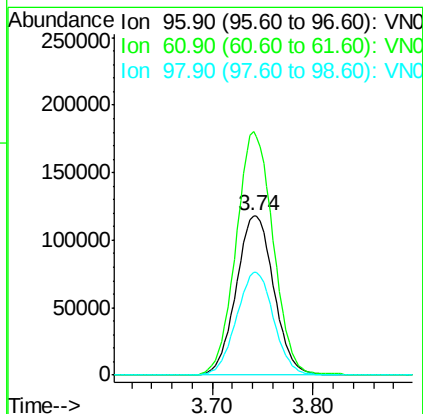
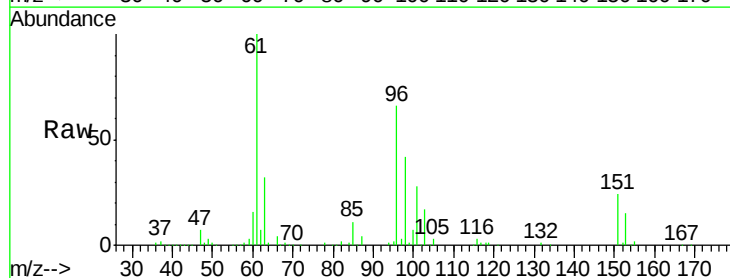
Tot Ion	59	Resp	117112
Ion Ratio	100		
Lower	8.1		
Upper	12.1		

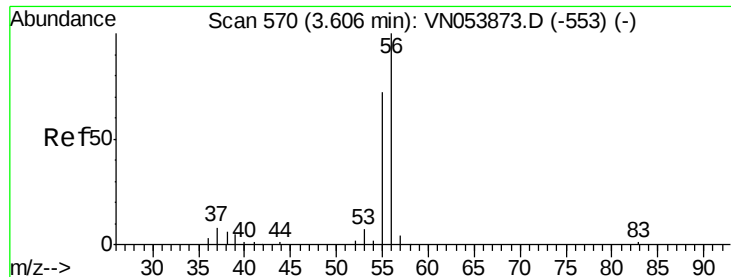


#12

1,1-Dichloroethene
 Concen: 50.576 ug/l
 RT: 3.74 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: VN053920.D
 Acq: 22 Feb 2019 17:05

Tgt Ion	96	Resp	305086
Ion Ratio	100		
Lower	121.0		
Upper	181.4		
61	152.5		
98	64.4		





#13

Acrolein

Concen: 388.085 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN053920.D

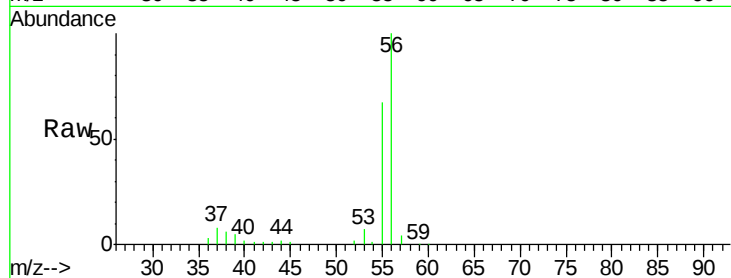
Acq: 22 Feb 2019 17:05

Tot Ion: 56 Resp: 115033

Ion Ratio Lower Upper

56 100

55 68.7 56.3 84.5



Abundance Ion 56.00 (55.70 to 56.70): VN053873.D (-553) (-)

Ion 55.00 (54.70 to 55.70): VN053873.D (-553) (-)

3.61

50000

40000

30000

20000

10000

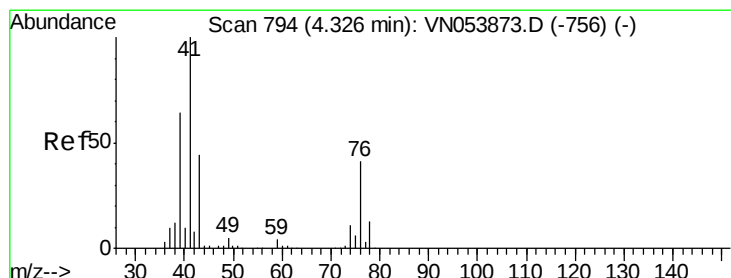
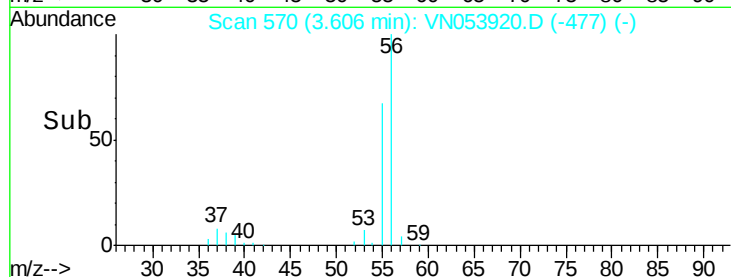
0

Time-->

3.50

3.60

3.70



#14

Allyl chloride

Concen: 53.997 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN053920.D

Acq: 22 Feb 2019 17:05

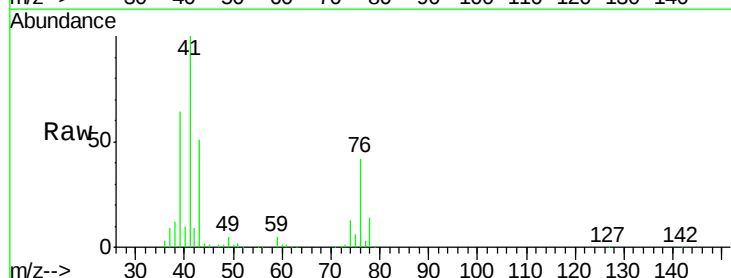
Tgt Ion: 41 Resp: 492965

Ion Ratio Lower Upper

41 100

39 60.2 48.8 73.2

76 38.1 30.9 46.3



Abundance Ion 41.00 (40.70 to 41.70): VN053873.D (-756) (-)

Ion 39.00 (38.70 to 39.70): VN053873.D (-756) (-)

Ion 75.90 (75.60 to 76.60): VN053873.D (-756) (-)

4.33

200000

150000

100000

50000

0

Time-->

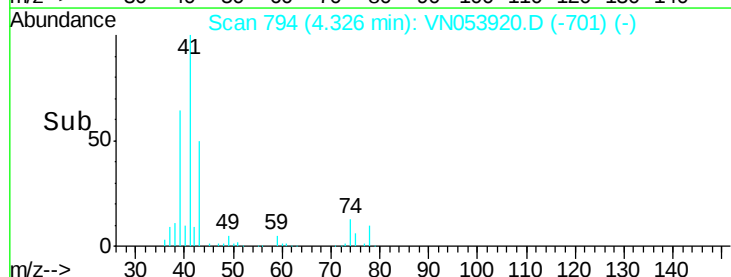
4.10

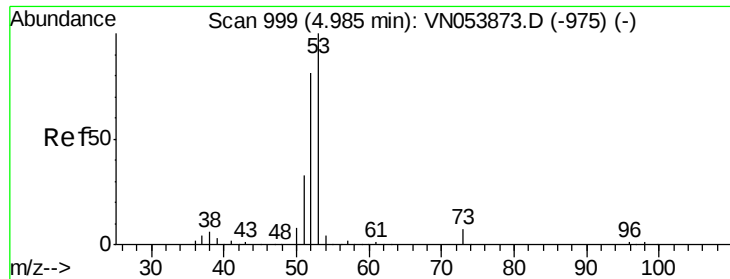
4.20

4.30

4.40

4.50





#15

Acrylonitrile

Concen: 274.936 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN053920.D

Acq: 22 Feb 2019 17:05

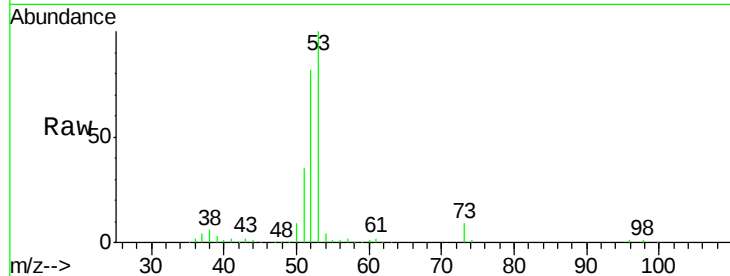
Tot Ion: 53 Resp: 574391

Ion Ratio Lower Upper

53 100

52 81.3 65.1 97.7

51 35.2 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VN053920.D (-1000) (-)

Ion 52.00 (51.70 to 52.70): VN053920.D (-1000) (-)

Ion 51.00 (50.70 to 51.70): VN053920.D (-1000) (-)

4.99

200000

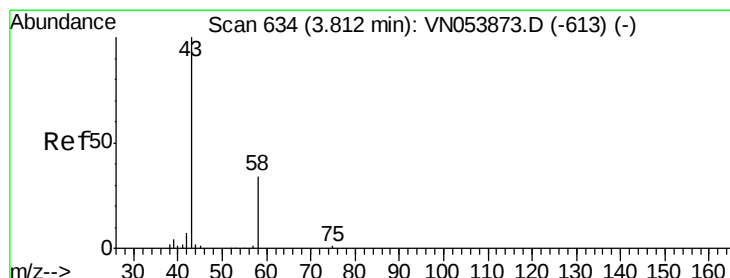
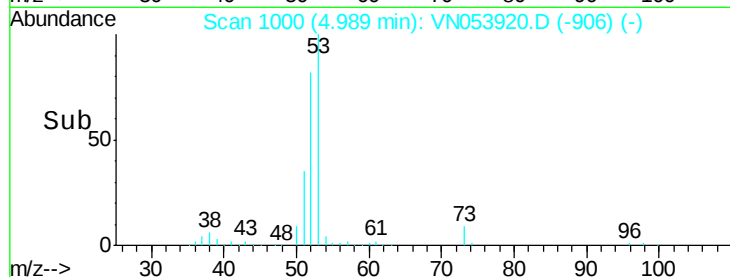
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 240.628 ug/l

RT: 3.81 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053920.D

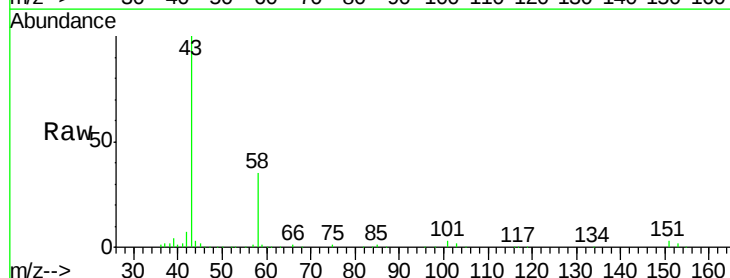
Acq: 22 Feb 2019 17:05

Tgt Ion: 43 Resp: 439630

Ion Ratio Lower Upper

43 100

58 35.2 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VN053920.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN053920.D (-541) (-)

3.81

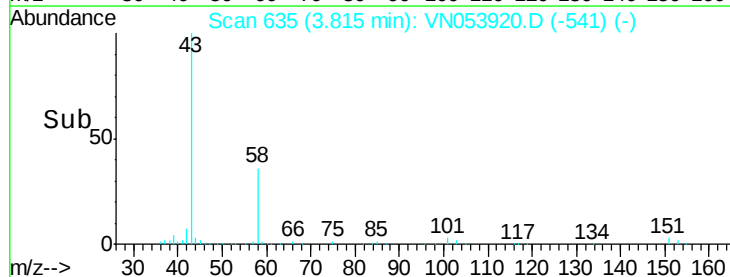
150000

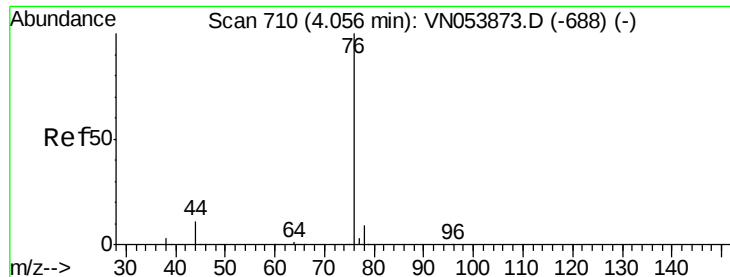
100000

50000

0

Time-->





#17

Carbon Disulfide

Concen: 48.091 ug/l

RT: 4.06 min Scan# 710

Delta R.T. -0.00 min

Lab File: VN053920.D

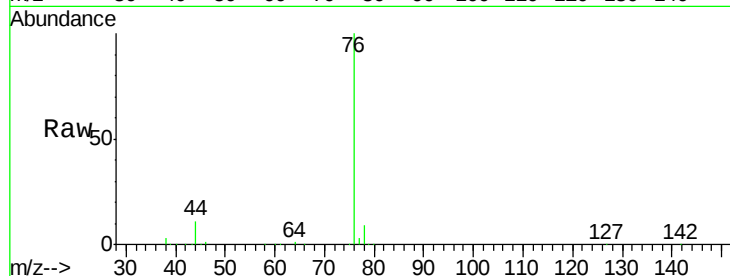
Acq: 22 Feb 2019 17:05

Tot Ion: 76 Resp: 898503

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VN053920.D (-617) (-)

Ion 77.90 (77.60 to 78.60): VN053920.D (-617) (-)

4.06

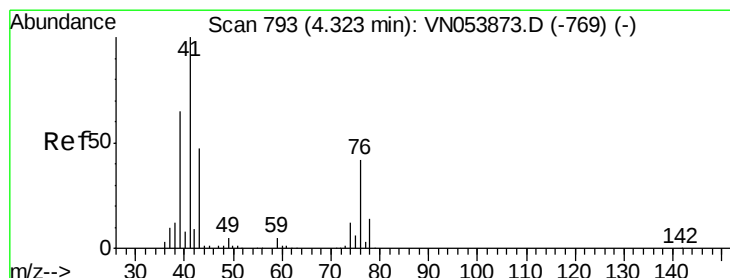
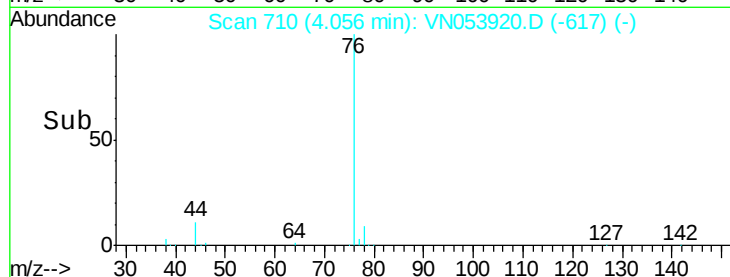
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 54.058 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN053920.D

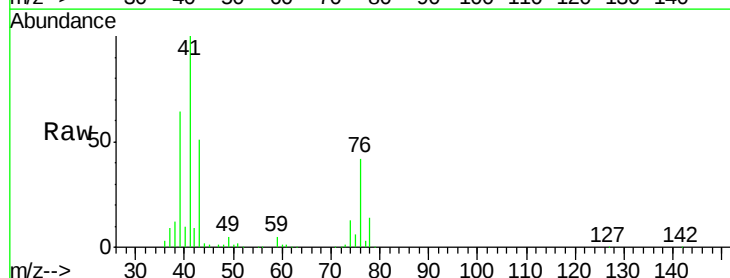
Acq: 22 Feb 2019 17:05

Tgt Ion: 43 Resp: 233098

Ion Ratio Lower Upper

43 100

74 25.3 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VN053920.D (-700) (-)

Ion 74.00 (73.70 to 74.70): VN053920.D (-700) (-)

4.33

80000

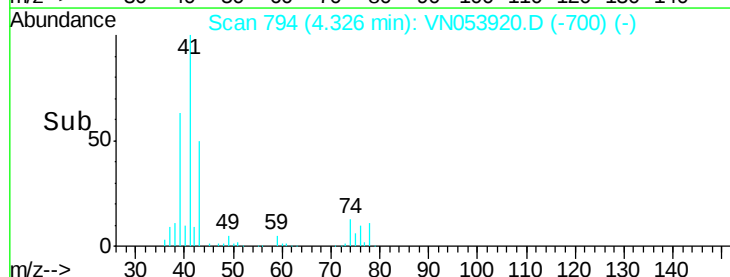
60000

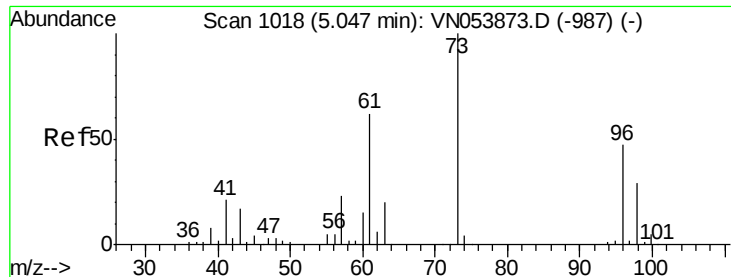
40000

20000

0

Time-->

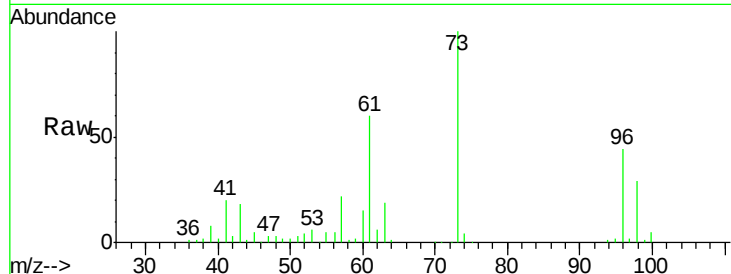




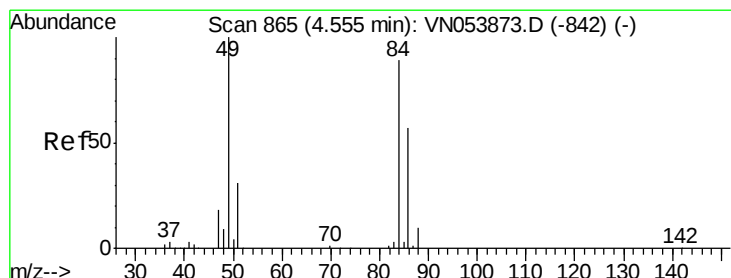
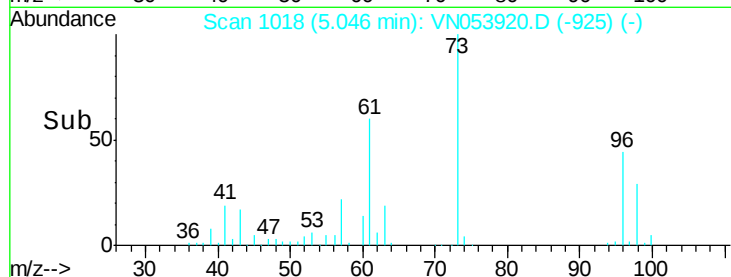
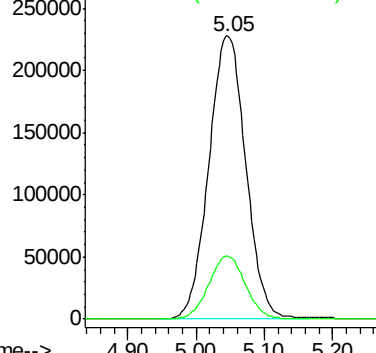
#19

Methvl tert-butvl Ether
 Concen: 56.077 ug/l
 RT: 5.05 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: VN053920.D
 Acq: 22 Feb 2019 17:05

Tot Ion: 73 Resp: 858245
 Ion Ratio Lower Upper
 73 100
 57 22.4 18.0 27.0



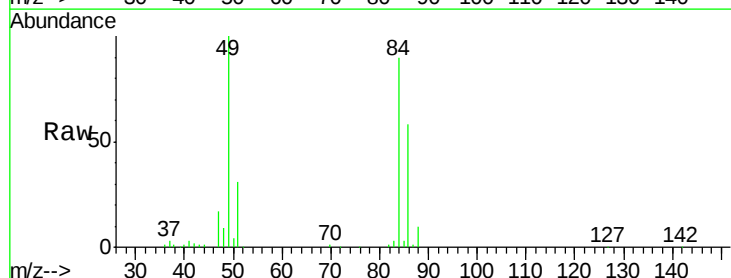
Abundance Ion 73.00 (72.70 to 73.70): VN0
 Ion 57.00 (56.70 to 57.70): VN0



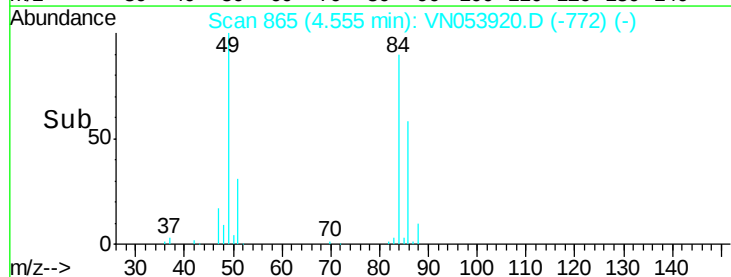
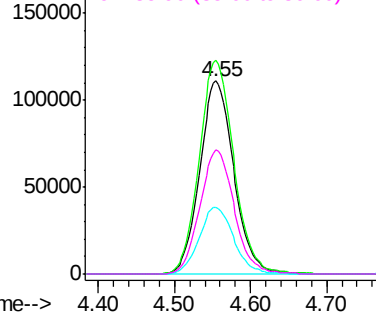
#20

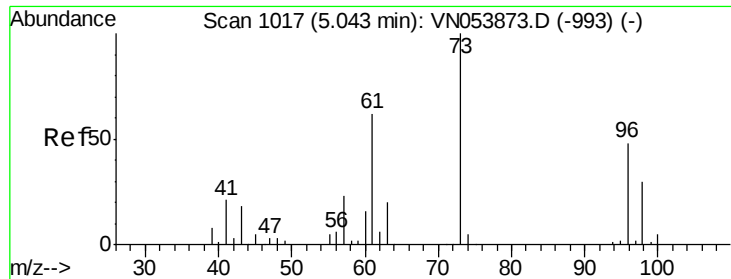
Methylene Chloride
 Concen: 50.634 ug/l
 RT: 4.55 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: VN053920.D
 Acq: 22 Feb 2019 17:05

Tgt Ion: 84 Resp: 346337
 Ion Ratio Lower Upper
 84 100
 49 110.8 89.7 134.5
 51 34.6 27.8 41.8
 86 64.2 51.3 76.9



Abundance Ion 83.90 (83.60 to 84.60): VN0
 Ion 48.90 (48.60 to 49.60): VN0
 Ion 50.90 (50.60 to 51.60): VN0
 Ion 85.90 (85.60 to 86.60): VN0

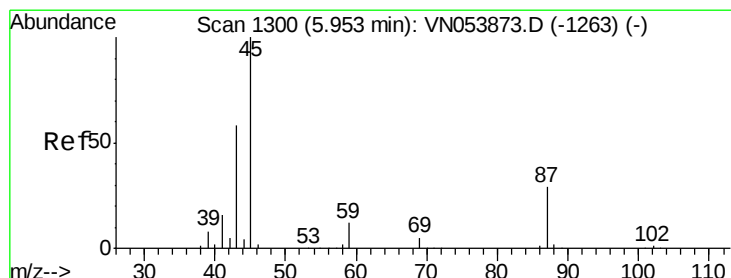
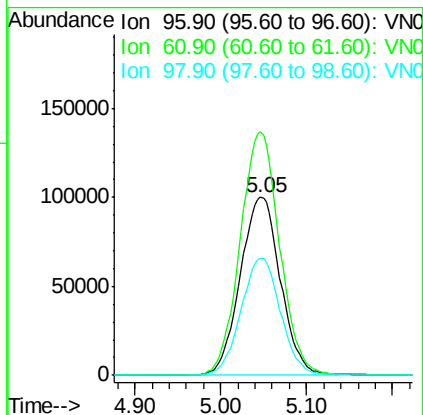
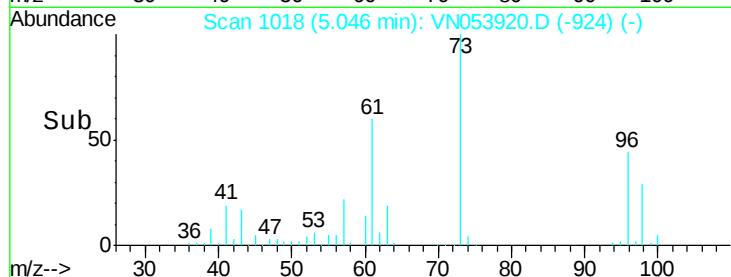
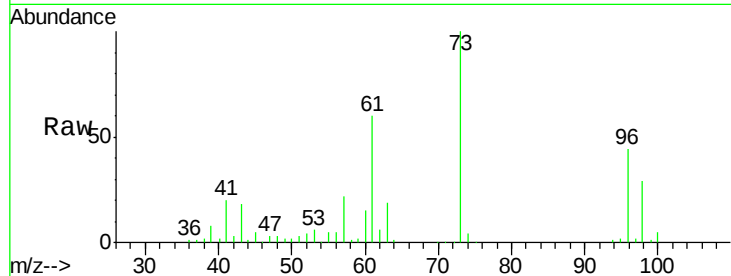




#21

trans-1,2-Dichloroethene
Concen: 51.367 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN053920.D
Acq: 22 Feb 2019 17:05

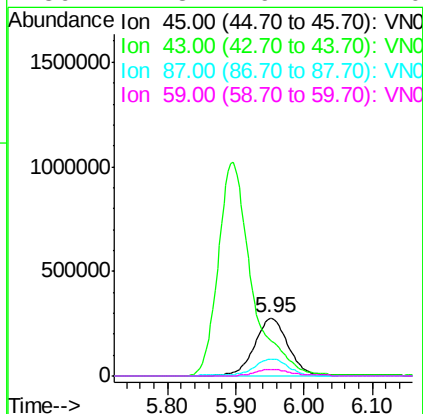
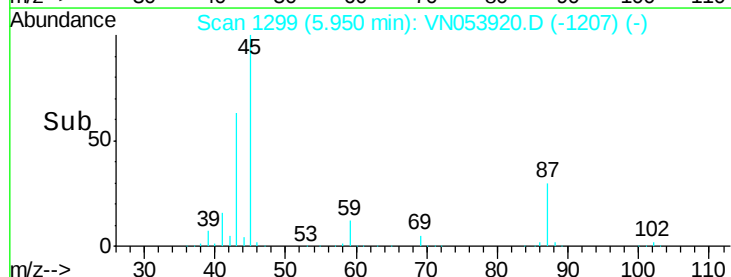
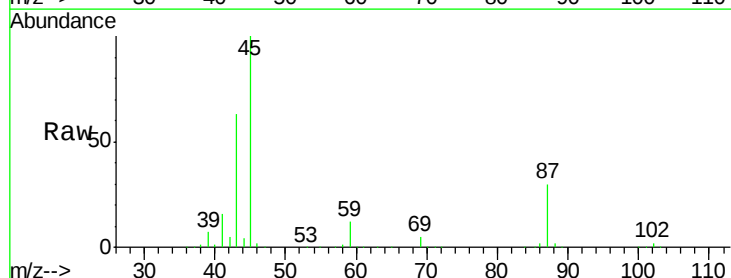
Tot Ion	96	Resp	325216
Ion	Ratio	Lower	Upper
96	100		
61	136.6	104.5	156.7
98	65.8	50.6	76.0

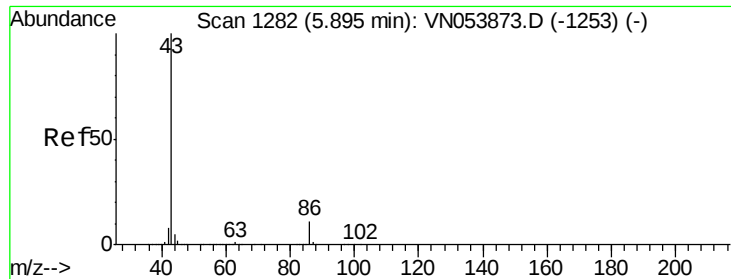


#22

Diisopropyl ether
Concen: 55.891 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. -0.00 min
Lab File: VN053920.D
Acq: 22 Feb 2019 17:05

Tgt Ion	45	Resp	951186
Ion	Ratio	Lower	Upper
45	100		
43	62.1	46.2	69.4
87	29.2	23.4	35.0
59	11.8	9.4	14.0





#23

Vinyl Acetate

Concen: 286.779 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VN053920.D

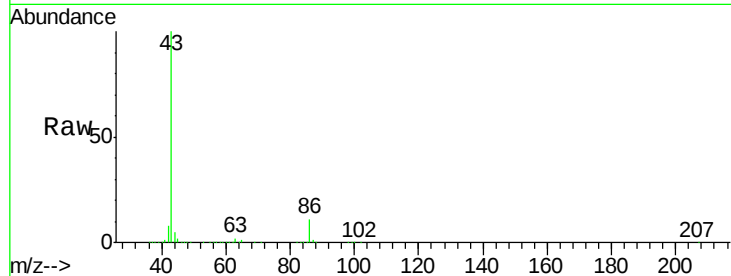
Acq: 22 Feb 2019 17:05

Tot Ion: 43 Resp: 3508613

Ion Ratio Lower Upper

43 100

86 11.2 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

1200000

1000000

800000

600000

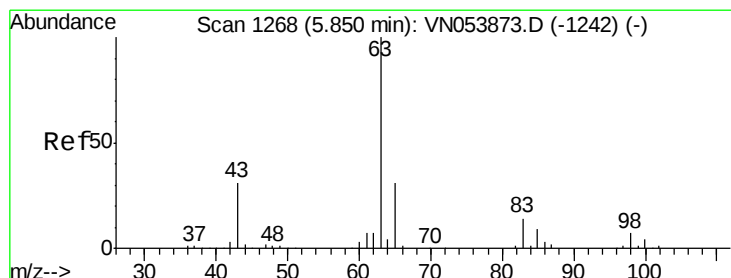
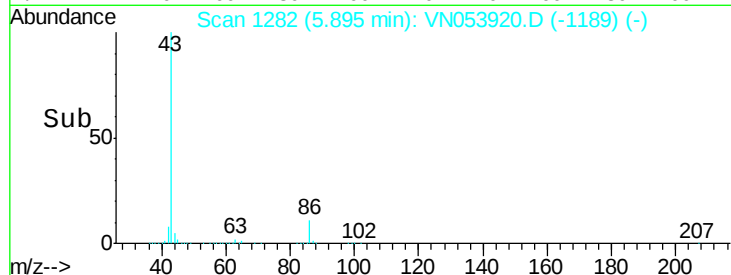
400000

200000

0

5.80 5.90 6.00 6.20

Time-->



#24

1,1-Dichloroethane

Concen: 52.277 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN053920.D

Acq: 22 Feb 2019 17:05

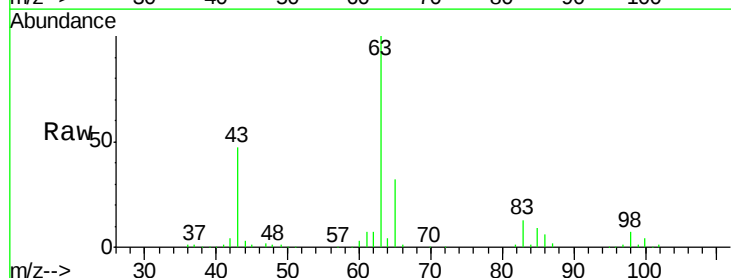
Tgt Ion: 63 Resp: 602358

Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.2

100 4.5 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

250000

200000

150000

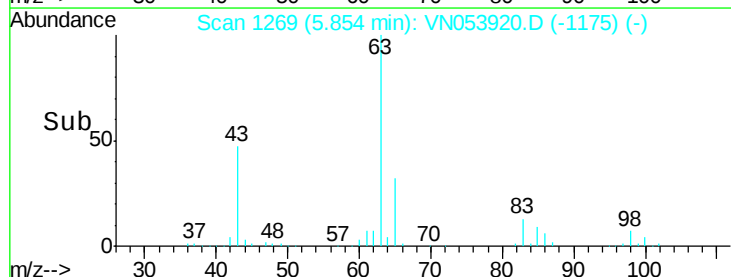
100000

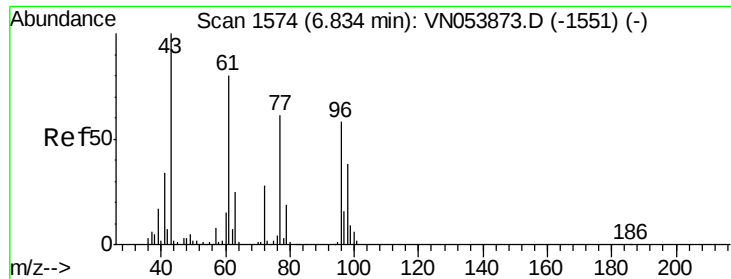
50000

0

5.70 5.80 5.90 6.00

Time-->





#25

2-Butanone

Concen: 264.175 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VN053920.D

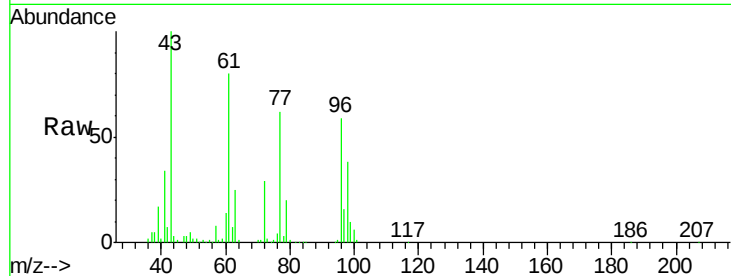
Acq: 22 Feb 2019 17:05

Tot Ion: 43 Resp: 622802

Ion Ratio Lower Upper

43 100

72 29.2 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN053873.D (-1551) (-)

Ion 72.00 (71.70 to 72.70): VN053873.D (-1551) (-)

6.83

200000

150000

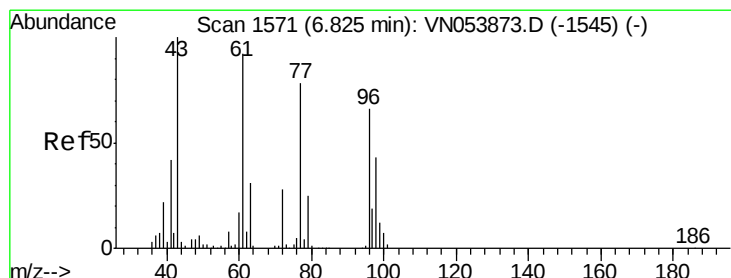
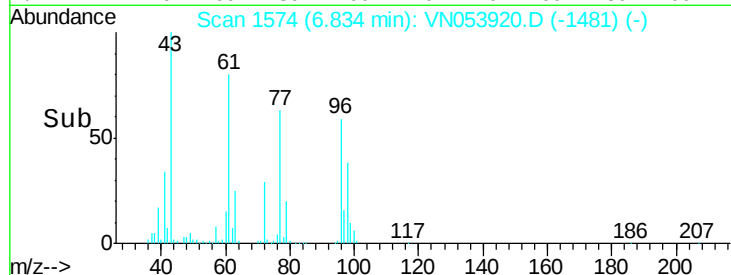
100000

50000

0

6.70 6.75 6.80 6.85 6.90

Time-->



#26

2,2-Dichloropropane

Concen: 52.002 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN053920.D

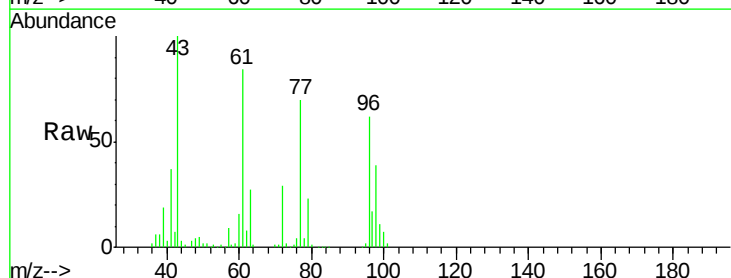
Acq: 22 Feb 2019 17:05

Tgt Ion: 77 Resp: 454682

Ion Ratio Lower Upper

77 100

97 24.4 12.3 36.9



Abundance Ion 76.90 (76.60 to 77.60): VN053873.D (-1545) (-)

Ion 96.90 (96.60 to 97.60): VN053873.D (-1545) (-)

6.83

150000

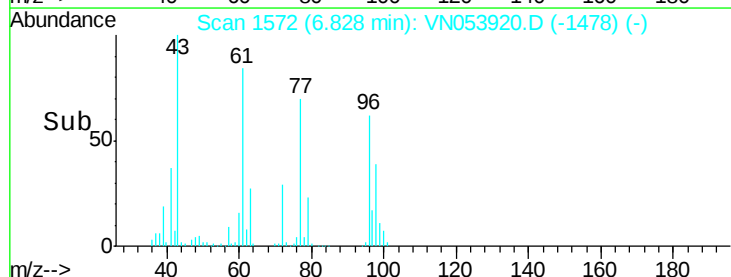
100000

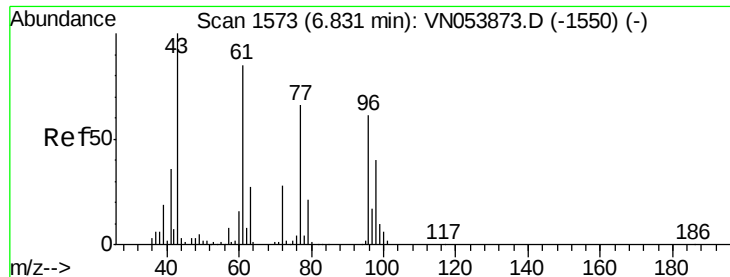
50000

0

6.70 6.75 6.80 6.85 6.90

Time-->





#27

cis-1,2-Dichloroethene

Concen: 52.177 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN053920.D

Acq: 22 Feb 2019 17:05

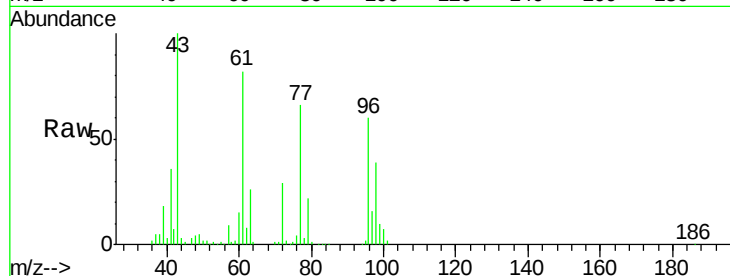
Tot Ion: 96 Resp: 370058

Ion Ratio Lower Upper

96 100

61 137.3 0.0 275.6

98 65.0 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VN053873.D (-1550) (-)

Ion 60.90 (60.60 to 61.60): VN053873.D (-1550) (-)

Ion 97.90 (97.60 to 98.60): VN053873.D (-1550) (-)

6.83

200000

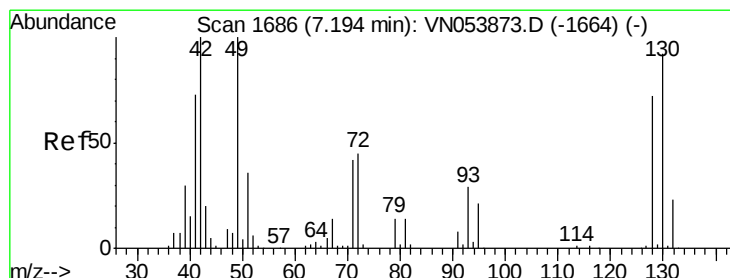
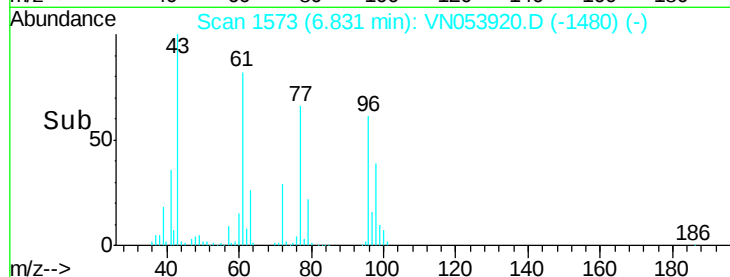
150000

100000

50000

0

Time-->



#28

Bromochloromethane

Concen: 49.219 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN053920.D

Acq: 22 Feb 2019 17:05

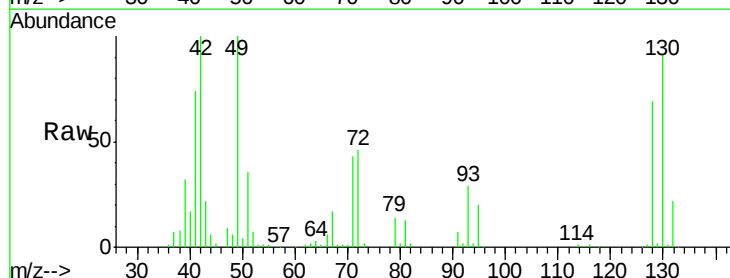
Tgt Ion: 49 Resp: 247513

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 90.4 72.9 109.3



Abundance Ion 48.90 (48.60 to 49.60): VN053873.D (-1664) (-)

Ion 128.80 (128.50 to 129.50): VN053873.D (-1664) (-)

Ion 129.80 (129.50 to 130.50): VN053873.D (-1664) (-)

7.19

120000

100000

80000

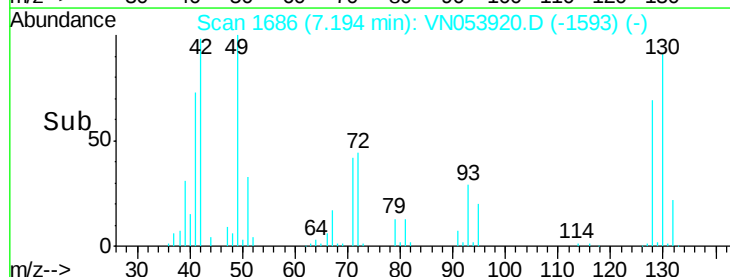
60000

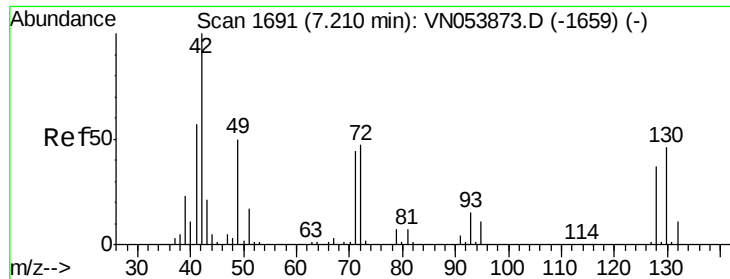
40000

20000

0

Time-->





#29

Tetrahydrofuran

Concen: 255.385 ug/l

RT: 7.21 min Scan# 1691

Delta R.T. -0.00 min

Lab File: VN053920.D

Acq: 22 Feb 2019 17:05

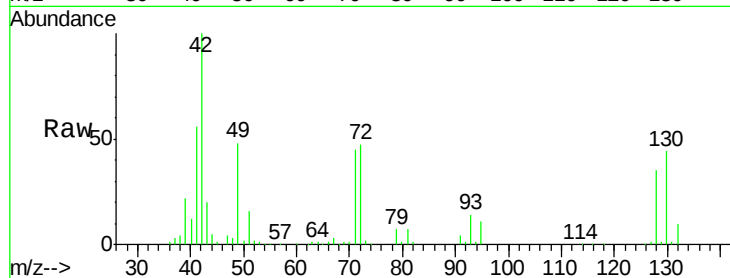
Tot Ion: 42 Resp: 389378

Ion Ratio Lower Upper

42 100

72 46.3 36.9 55.3

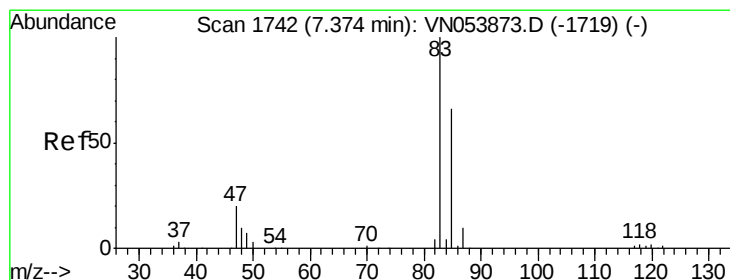
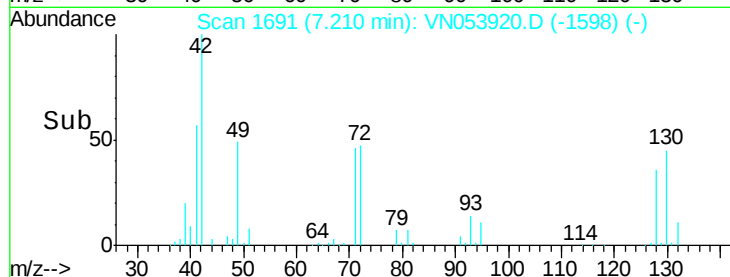
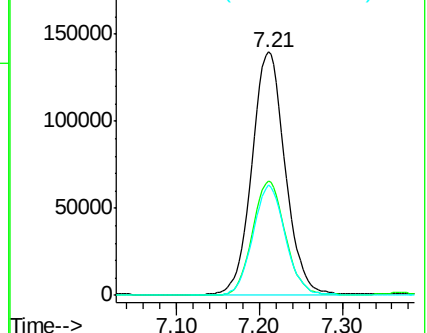
71 44.4 34.6 52.0



Abundance Ion 42.00 (41.70 to 42.70): VN053873.D (-1659) (-)

Ion 72.00 (71.70 to 72.70): VN053873.D (-1659) (-)

Ion 71.00 (70.70 to 71.70): VN053873.D (-1659) (-)



#30

Chloroform

Concen: 48.400 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VN053920.D

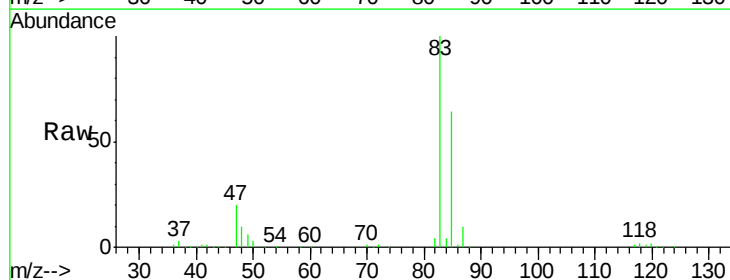
Acq: 22 Feb 2019 17:05

Tgt Ion: 83 Resp: 560362

Ion Ratio Lower Upper

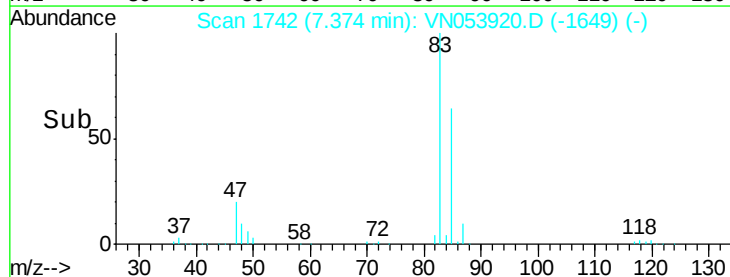
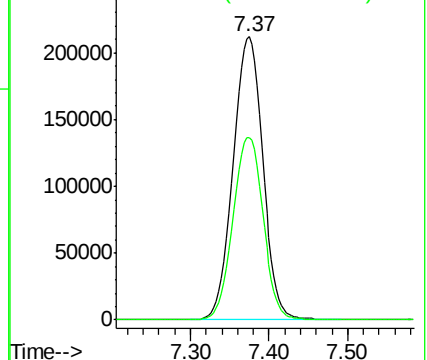
83 100

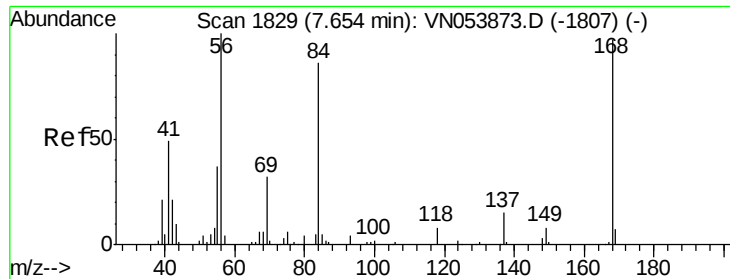
85 64.5 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VN053873.D (-1719) (-)

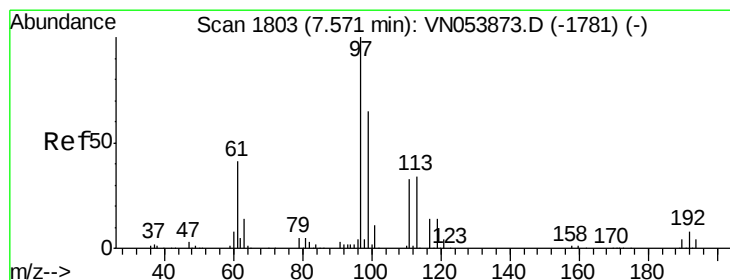
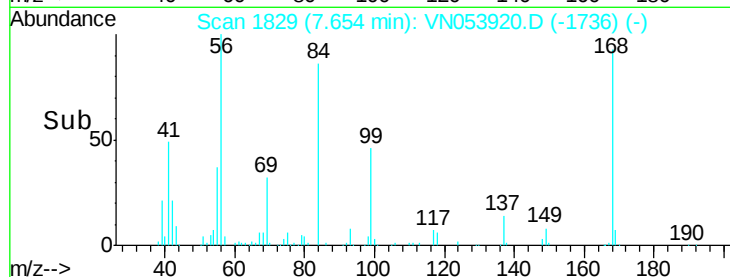
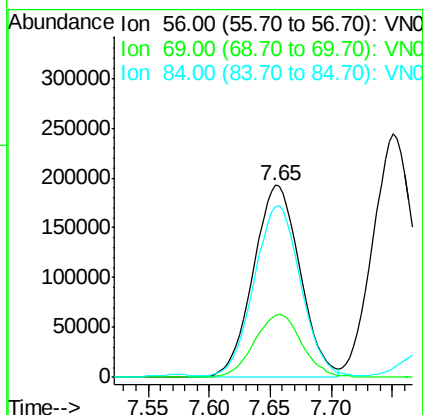
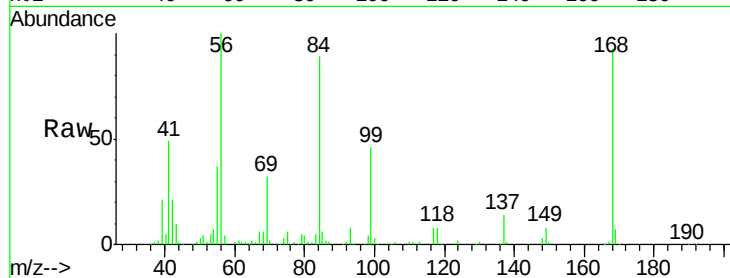
Ion 84.90 (84.60 to 85.60): VN053873.D (-1719) (-)





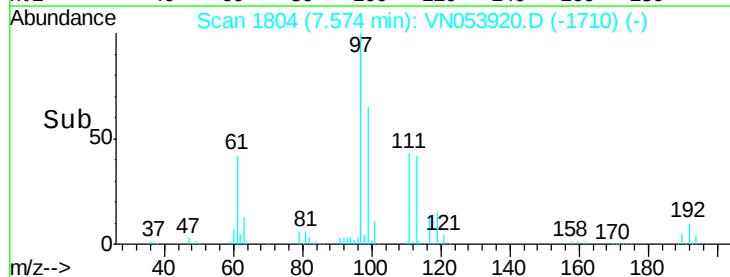
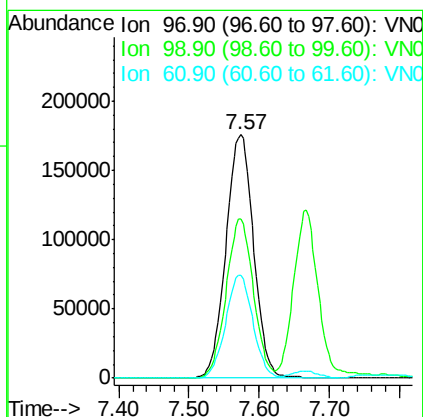
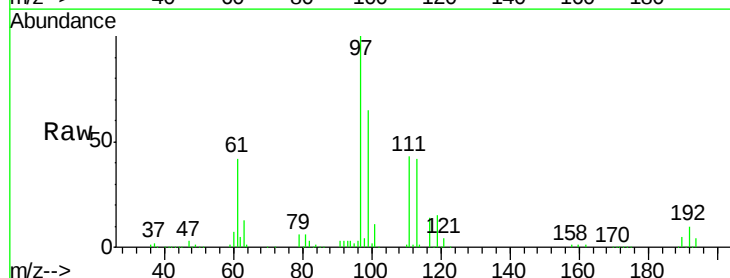
#31
Cyclohexane
Concen: 48.687 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN053920.D
Acq: 22 Feb 2019 17:05

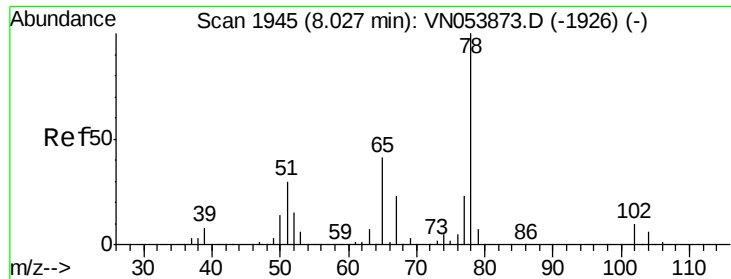
Tot Ion	Ratio	Lower	Upper
56	100		
69	32.4	26.0	39.0
84	88.0	69.1	103.7



#32
1,1,1-Trichloroethane
Concen: 48.787 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN053920.D
Acq: 22 Feb 2019 17:05

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.8	77.8
61	41.5	33.2	49.8





#33

1,2-Dichloroethane-d4

Concen: 50.091 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN053920.D

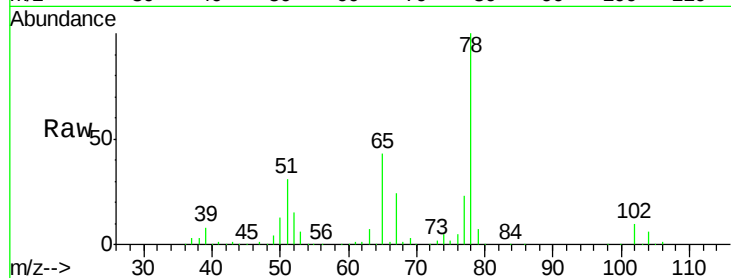
Acq: 22 Feb 2019 17:05

Tot Ion: 65 Resp: 332762

Ion Ratio Lower Upper

65 100

67 55.5 0.0 111.8



Abundance Ion 64.90 (64.60 to 65.60): VN053920.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN053920.D (-1852) (-)

8.03

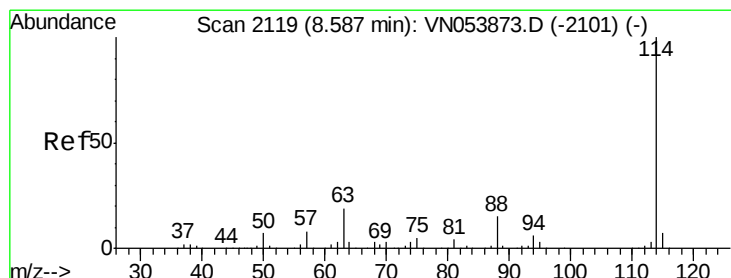
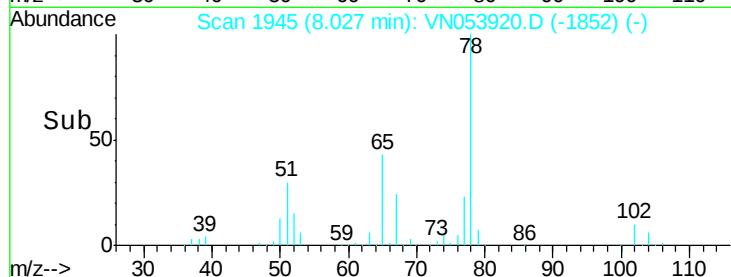
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN053920.D

Acq: 22 Feb 2019 17:05

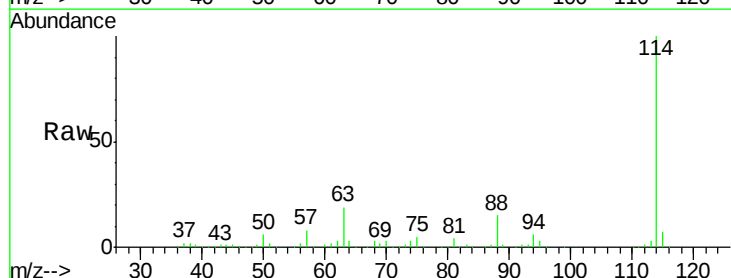
Tgt Ion: 114 Resp: 979181

Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.4

88 15.1 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): VN053920.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN053920.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN053920.D (-2026) (-)

8.59

600000

500000

400000

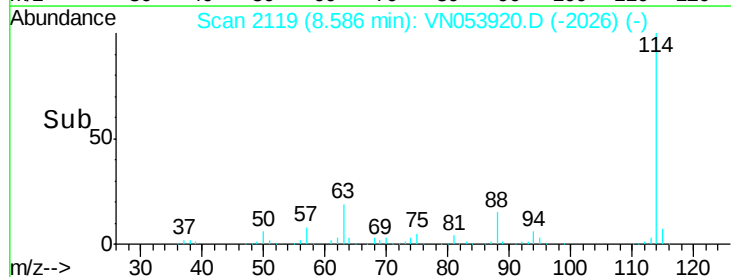
300000

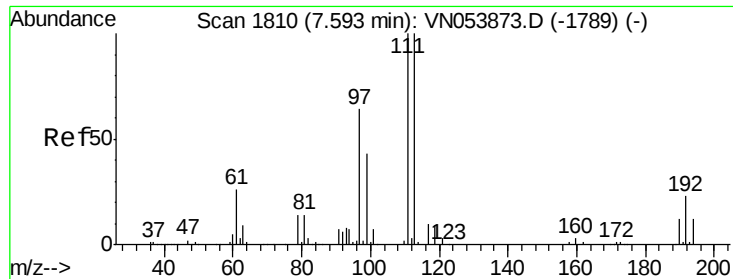
200000

100000

0

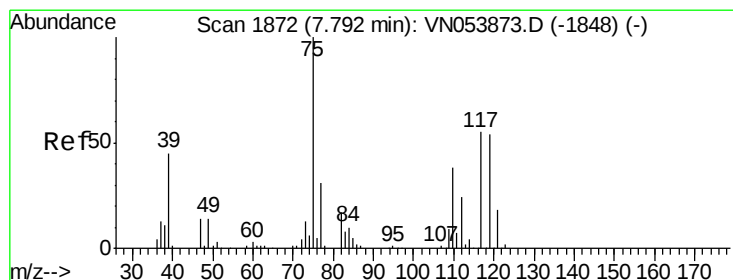
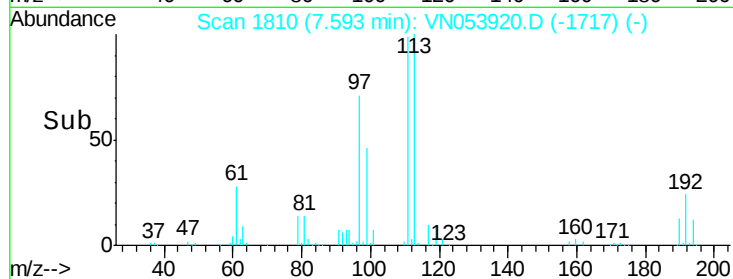
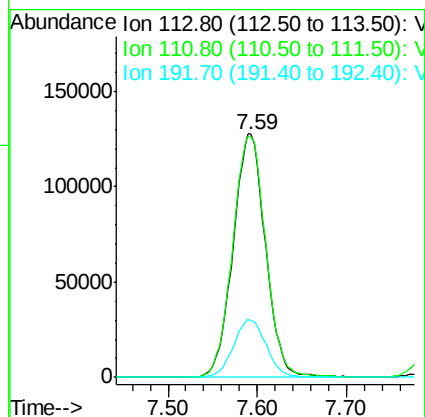
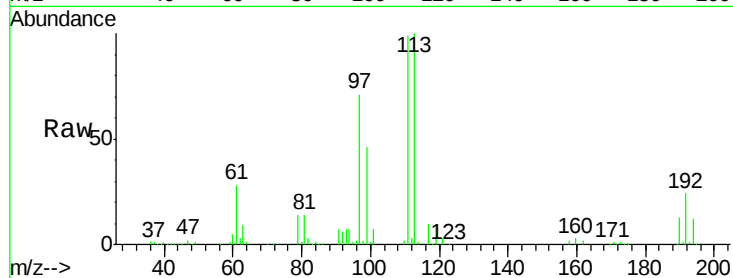
Time-->





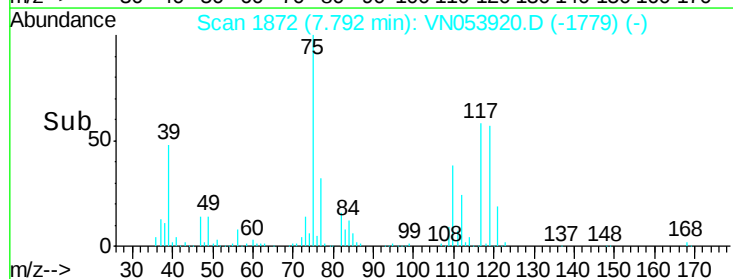
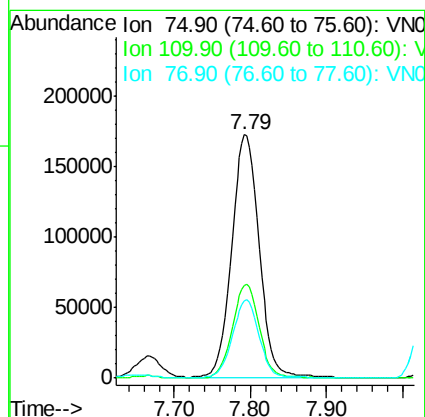
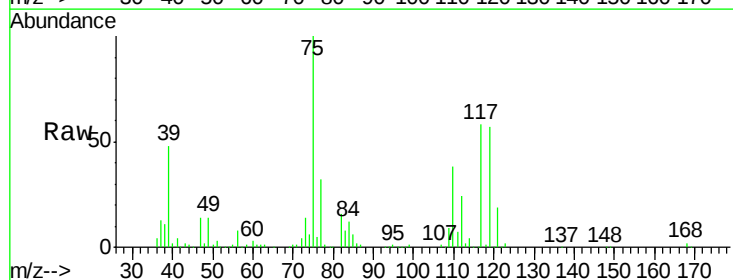
#35
Dibromofluoromethane
Concen: 49.994 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN053920.D
Acq: 22 Feb 2019 17:05

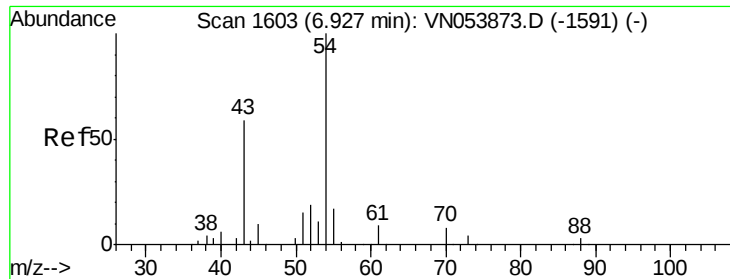
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.1	121.7
192	23.9	18.8	28.2



#36
1,1-Dichloropropene
Concen: 48.054 ug/l
RT: 7.79 min Scan# 1872
Delta R.T. -0.00 min
Lab File: VN053920.D
Acq: 22 Feb 2019 17:05

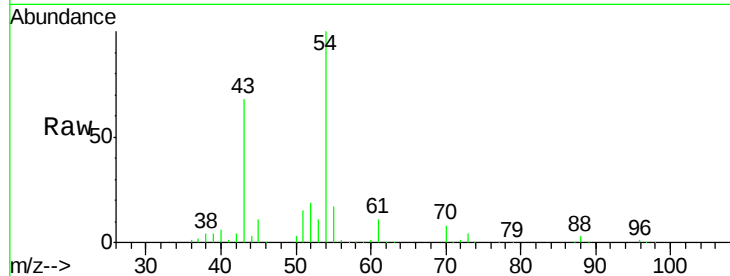
Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.8	19.0	57.0
77	31.8	25.4	38.0



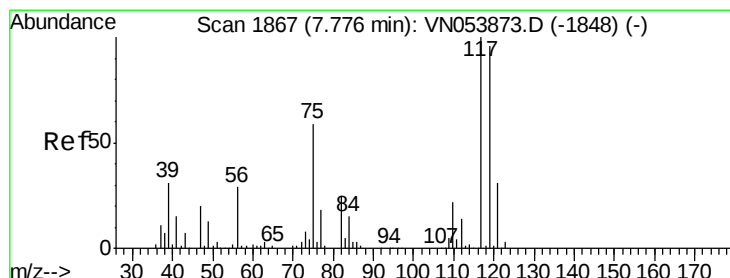
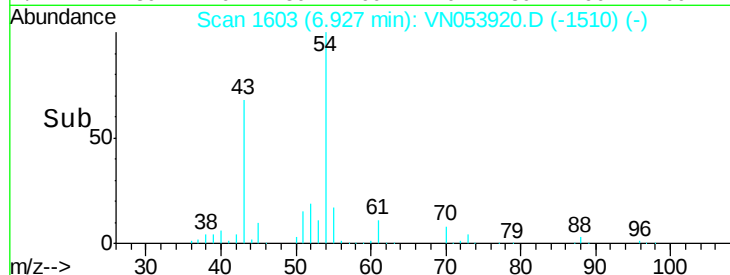
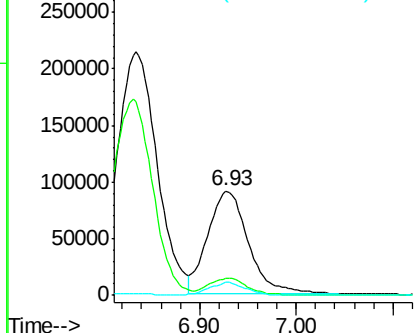


#37
Ethyl Acetate
Concen: 49.433 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VN053920.D
Acq: 22 Feb 2019 17:05

Tot Ion: 43 Resp: 267044
Ion Ratio Lower Upper
43 100
61 14.9 12.0 18.0
70 10.8 8.7 13.1

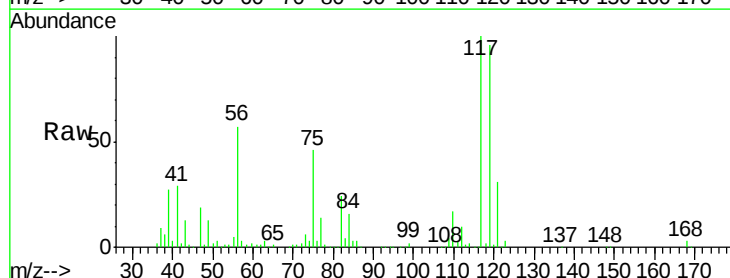


Abundance Ion 43.00 (42.70 to 43.70): VN053920.D (-1510) (-)
Ion 60.90 (60.60 to 61.60): VN053920.D (-1510) (-)
Ion 70.00 (69.70 to 70.70): VN053920.D (-1510) (-)

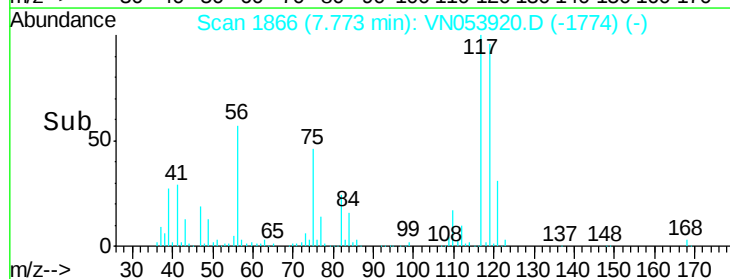
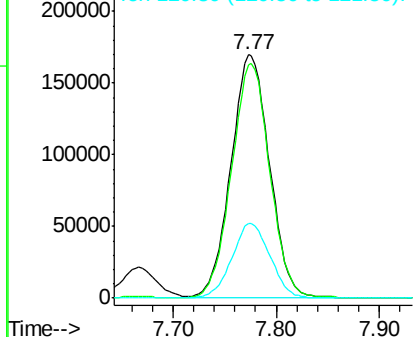


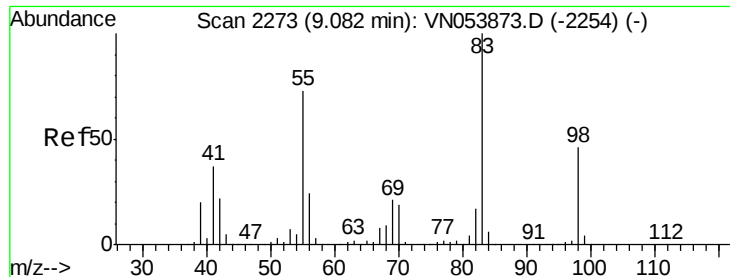
#38
Carbon Tetrachloride
Concen: 48.947 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN053920.D
Acq: 22 Feb 2019 17:05

Tgt Ion: 117 Resp: 438577
Ion Ratio Lower Upper
117 100
119 95.7 76.2 114.2
121 30.6 24.6 36.8



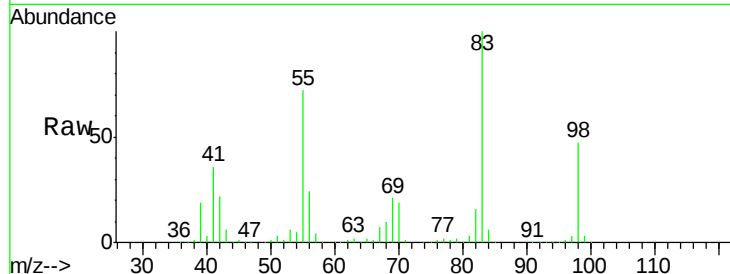
Abundance Ion 116.80 (116.50 to 117.50): VN053920.D (-1774) (-)
Ion 118.80 (118.50 to 119.50): VN053920.D (-1774) (-)
Ion 120.80 (120.50 to 121.50): VN053920.D (-1774) (-)



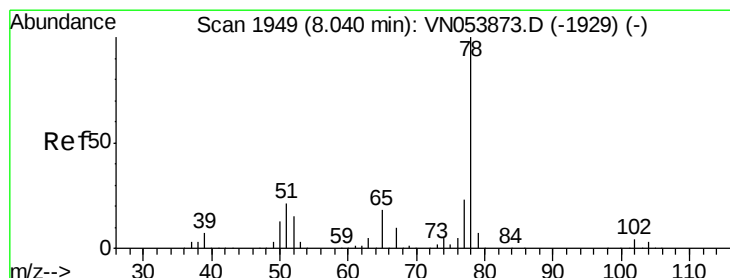
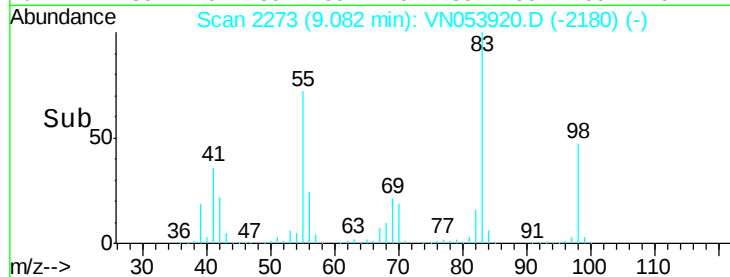
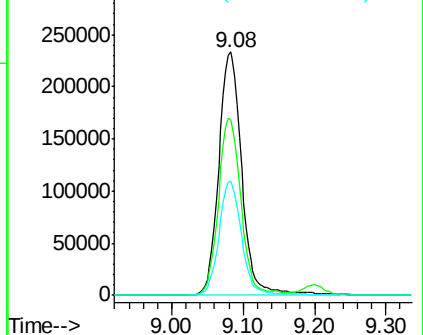


#39
Methvlcvclohexane
Concen: 50.828 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN053920.D
Acq: 22 Feb 2019 17:05

Tot Ion	83	Resp	525671
Ion	Ratio	Lower	Upper
83	100		
55	72.4	58.2	87.4
98	47.1	37.2	55.8

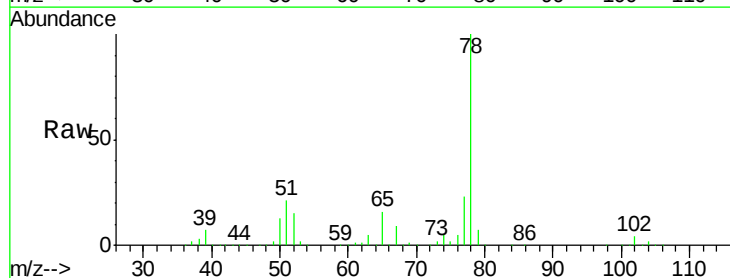


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

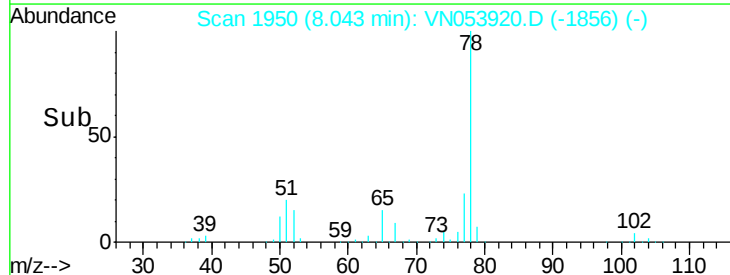
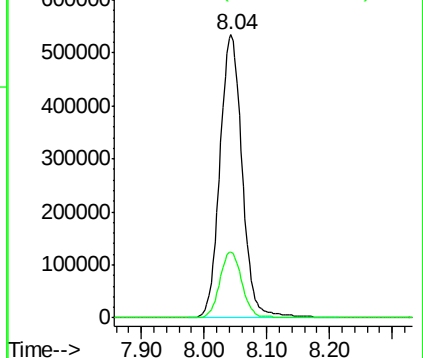


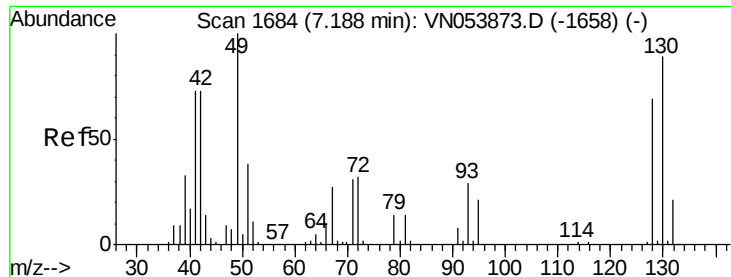
#40
Benzene
Concen: 49.704 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN053920.D
Acq: 22 Feb 2019 17:05

Tgt Ion	78	Resp	1318821
Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.8	28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





#41

Methacrylonitrile

Concen: 46.524 ug/l

RT: 7.17 min Scan# 1679

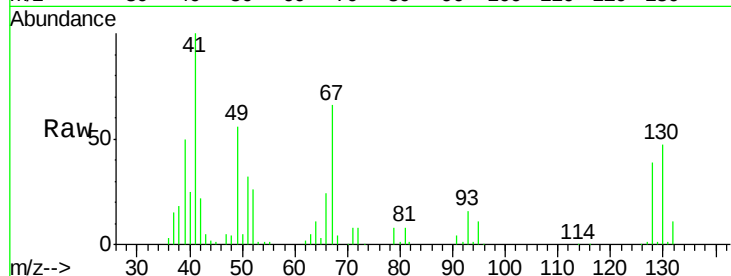
Delta R.T. -0.02 min

Lab File: VN053920.D

Acq: 22 Feb 2019 17:05

Tot Ion: 41 Resp: 137153

Ion	Ratio	Lower	Upper
41	100		
39	54.2	0.0	0.0#
67	91.6	0.0	0.0#
52	35.9	0.0	0.0#

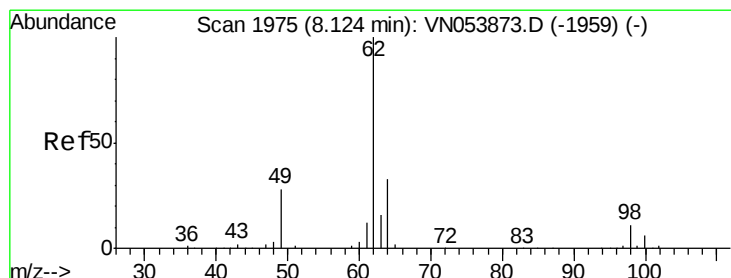
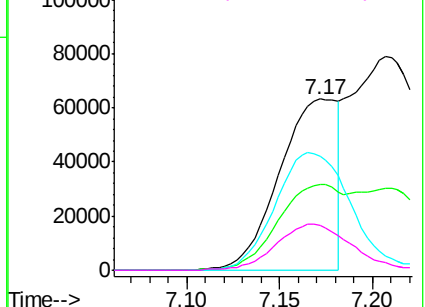
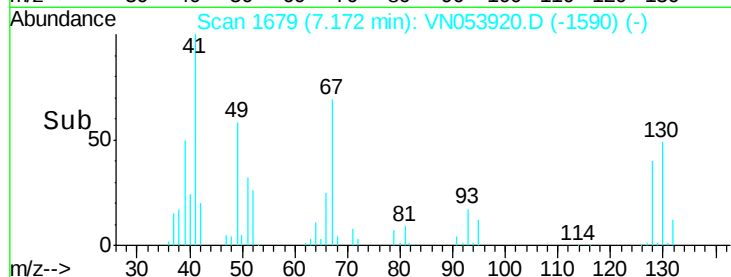


Abundance Ion 41.00 (40.70 to 41.70): VN053920.D (-1590) (-)

Ion 39.00 (38.70 to 39.70): VN053920.D (-1590) (-)

Ion 67.00 (66.70 to 67.70): VN053920.D (-1590) (-)

Ion 52.00 (51.70 to 52.70): VN053920.D (-1590) (-)



#42

1,2-Dichloroethane

Concen: 49.094 ug/l

RT: 8.12 min Scan# 1975

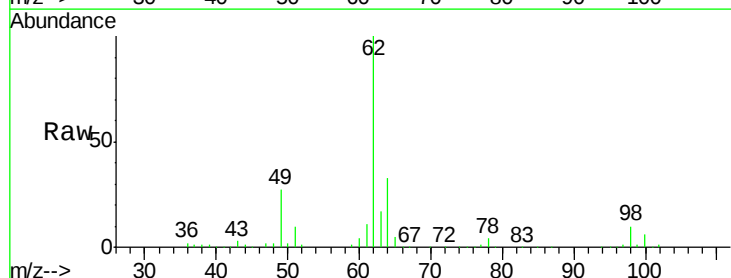
Delta R.T. -0.00 min

Lab File: VN053920.D

Acq: 22 Feb 2019 17:05

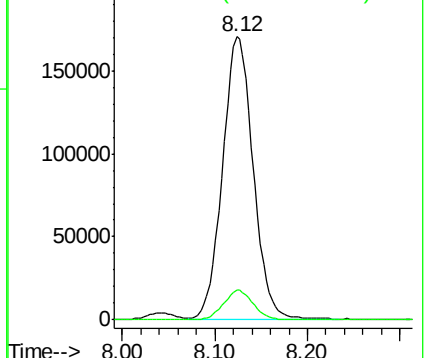
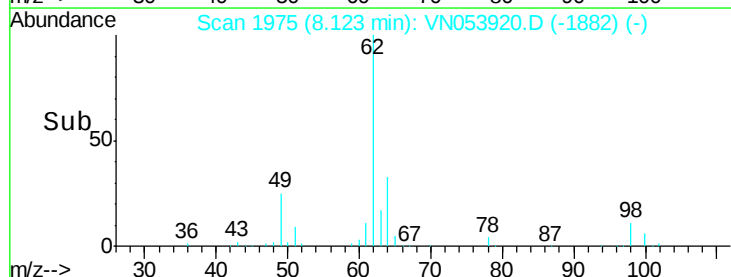
Tgt Ion: 62 Resp: 388340

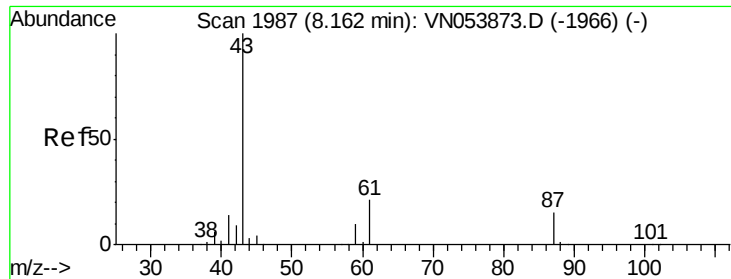
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.8



Abundance Ion 61.90 (61.60 to 62.60): VN053920.D (-1882) (-)

Ion 97.90 (97.60 to 98.60): VN053920.D (-1882) (-)





#43

Isopropyl Acetate

Concen: 50.234 ug/l

RT: 8.16 min Scan# 1987

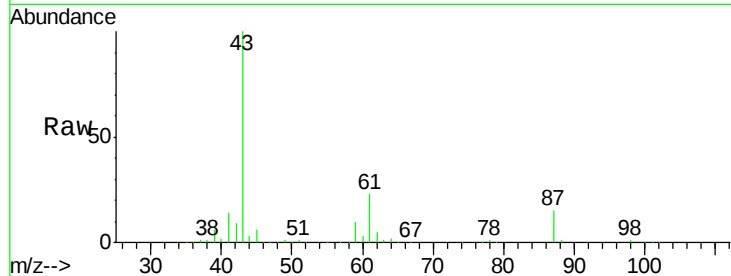
Delta R.T. -0.00 min

Lab File: VN053920.D

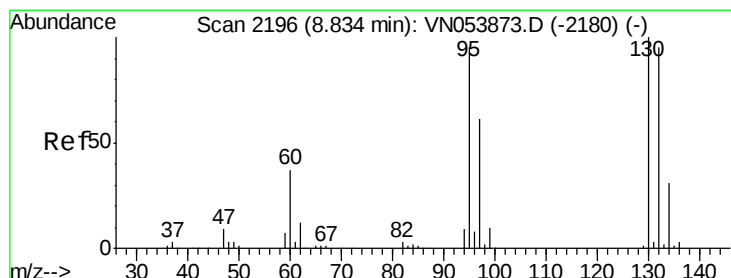
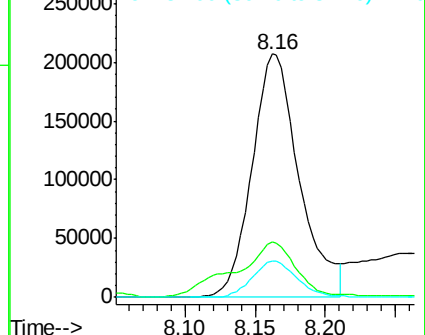
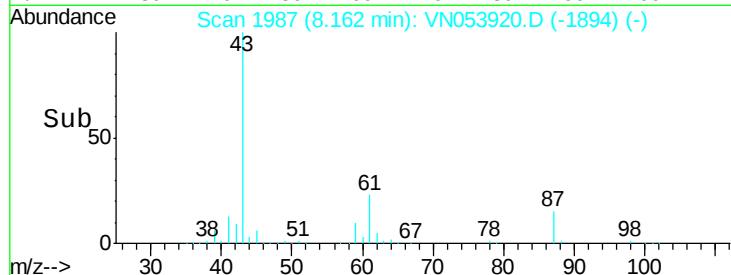
Acq: 22 Feb 2019 17:05

Tot Ion: 43 Resp: 480924

Ion	Ratio	Lower	Upper
43	100		
61	29.6	17.4	26.0#
87	14.3	11.5	17.3



Abundance Ion 43.00 (42.70 to 43.70): VN053920.D (-1894) (-)



#44

Trichloroethene

Concen: 49.127 ug/l

RT: 8.83 min Scan# 2196

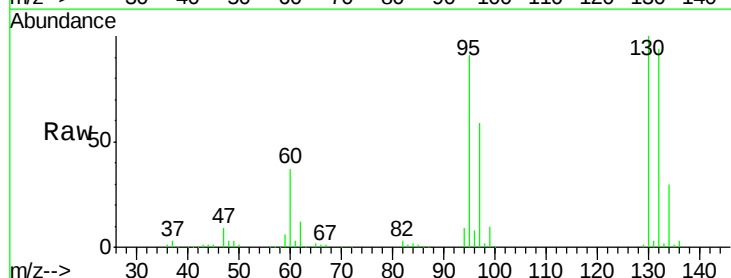
Delta R.T. -0.00 min

Lab File: VN053920.D

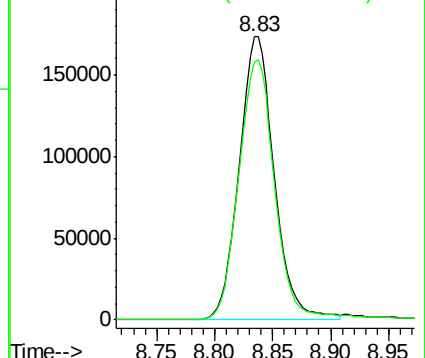
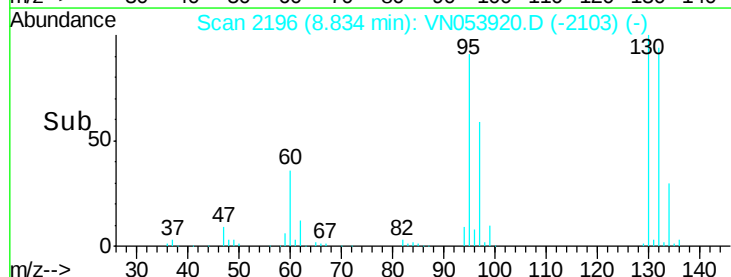
Acq: 22 Feb 2019 17:05

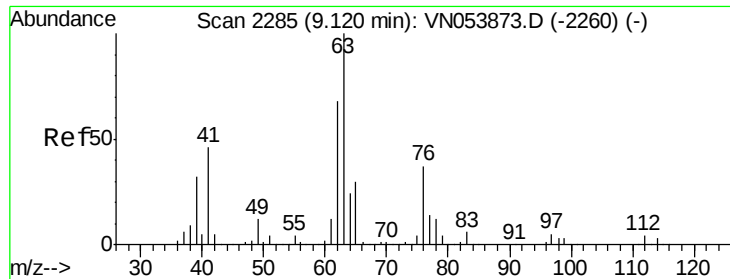
Tgt Ion: 130 Resp: 364901

Ion	Ratio	Lower	Upper
130	100		
95	91.0	0.0	190.0



Abundance Ion 129.80 (129.50 to 130.50): VN053920.D (-2103) (-)





#45

1,2-Dichloropropane

Concen: 50.728 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. -0.00 min

Lab File: VN053920.D

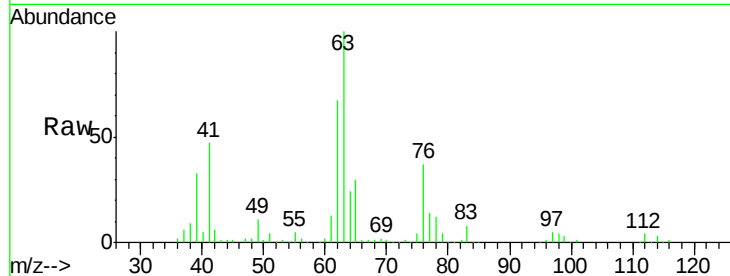
Acq: 22 Feb 2019 17:05

Tot Ion: 63 Resp: 343639

Ion Ratio Lower Upper

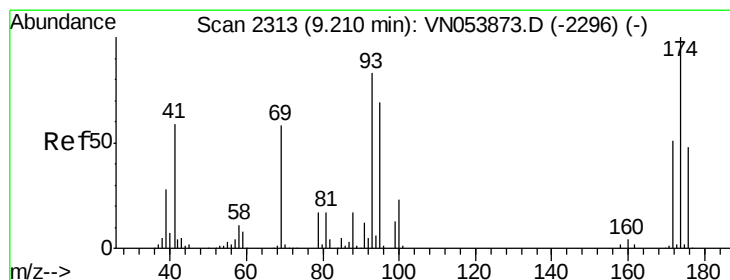
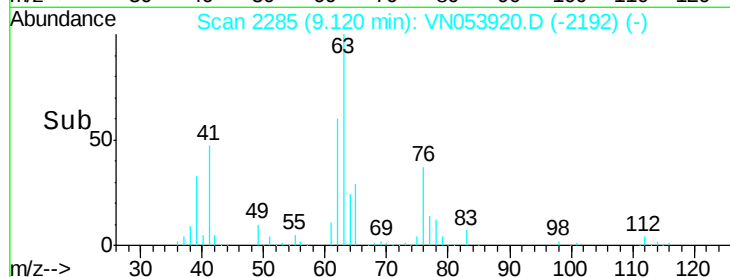
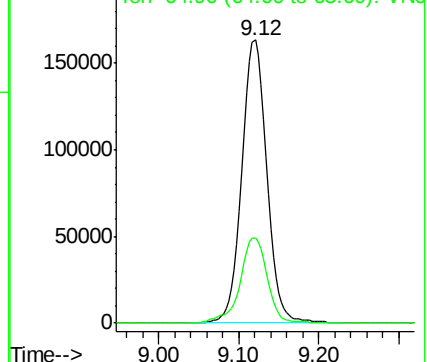
63 100

65 30.1 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 50.798 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. -0.00 min

Lab File: VN053920.D

Acq: 22 Feb 2019 17:05

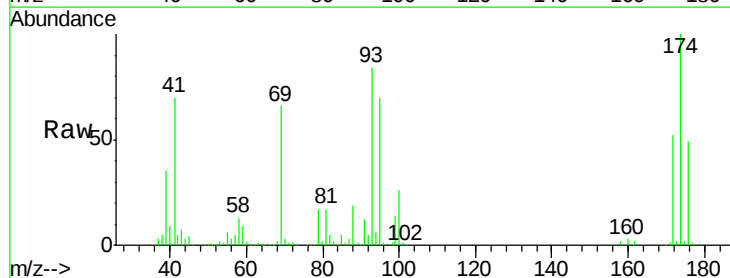
Tgt Ion: 93 Resp: 207198

Ion Ratio Lower Upper

93 100

95 82.5 66.6 100.0

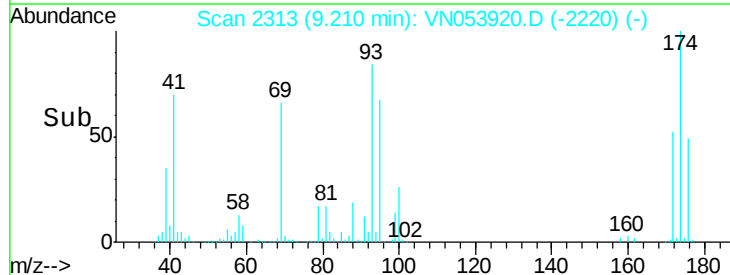
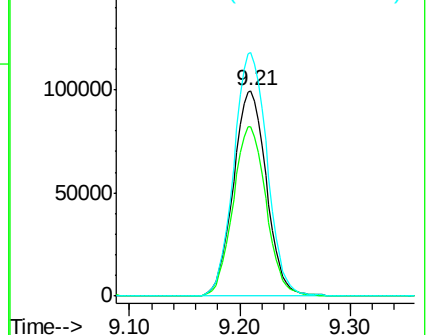
174 119.5 96.2 144.4

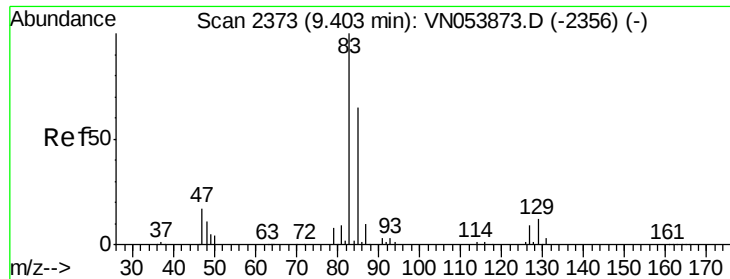


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.326 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN053920.D

Acq: 22 Feb 2019 17:05

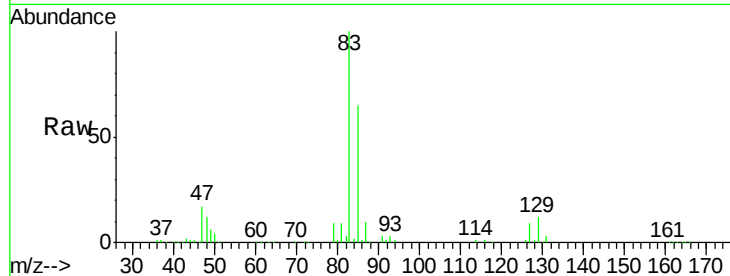
Tot Ion: 83 Resp: 433033

Ion Ratio Lower Upper

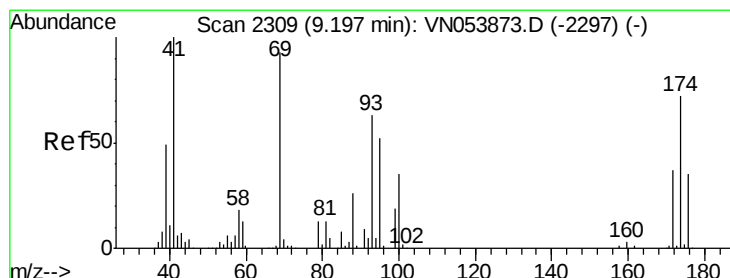
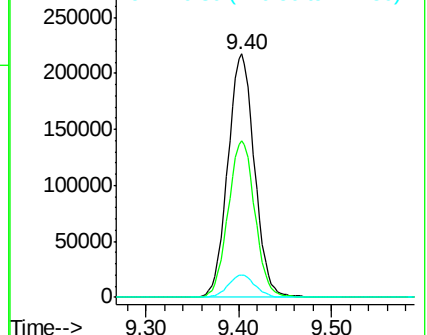
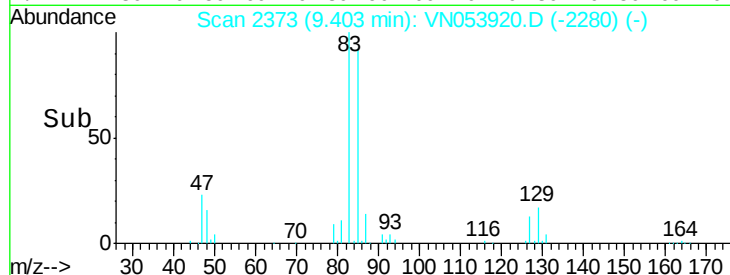
83 100

85 64.6 51.8 77.6

127 9.3 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN053920.D (-2280) (-)



#48

Methyl methacrylate

Concen: 53.552 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN053920.D

Acq: 22 Feb 2019 17:05

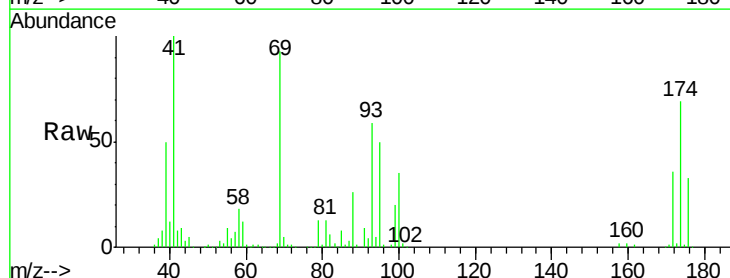
Tgt Ion: 41 Resp: 219813

Ion Ratio Lower Upper

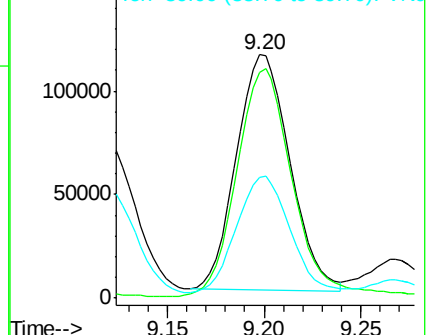
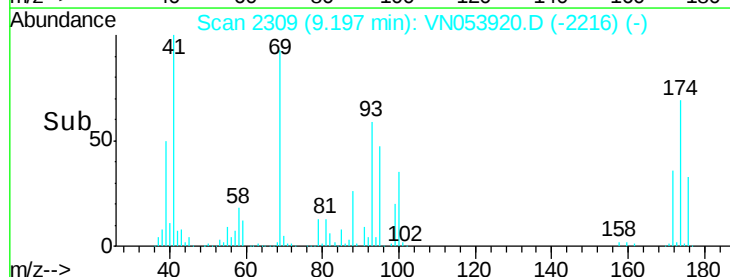
41 100

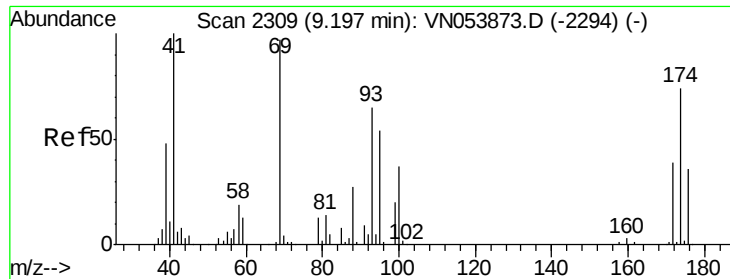
69 103.6 74.8 112.2

39 54.5 39.0 58.6



Abundance Ion 41.00 (40.70 to 41.70): VN053920.D (-2216) (-)





#49

1,4-Dioxane

Concen: 981.205 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN053920.D

Acq: 22 Feb 2019 17:05

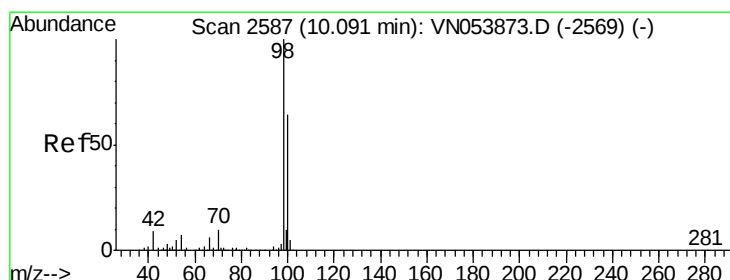
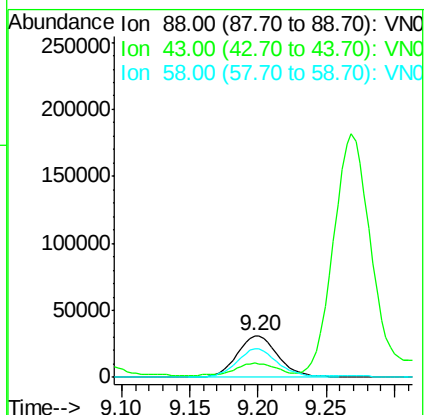
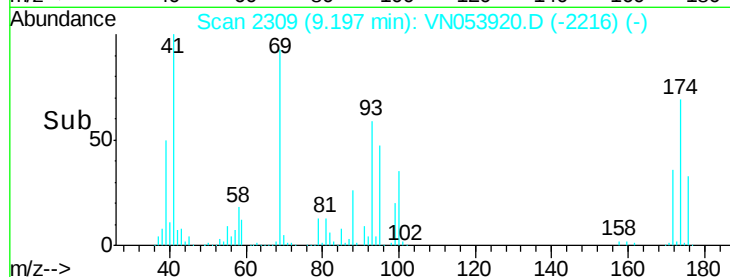
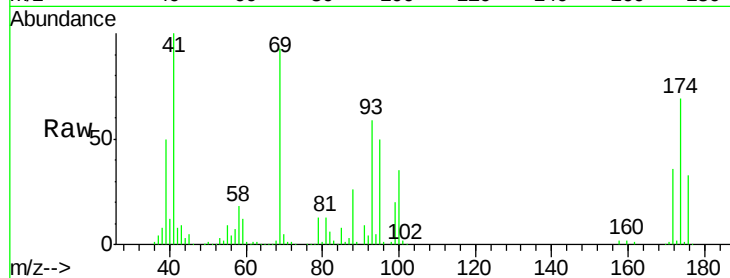
Tot Ion: 88 Resp: 65197

Ion Ratio Lower Upper

88 100

43 28.7 21.2 31.8

58 68.0 54.2 81.2



#50

Toluene-d8

Concen: 51.458 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053920.D

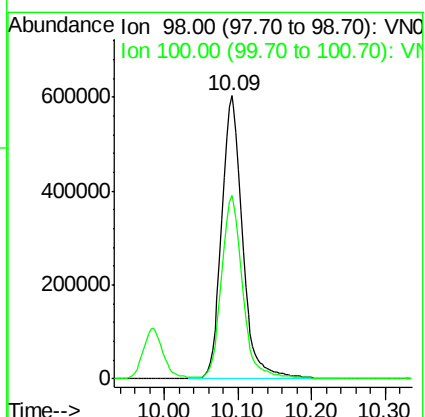
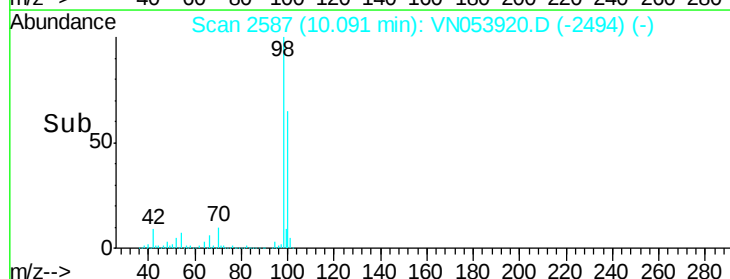
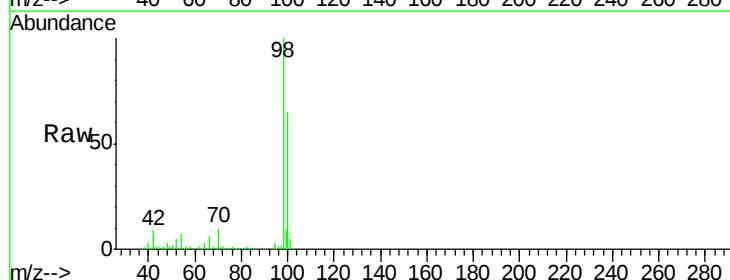
Acq: 22 Feb 2019 17:05

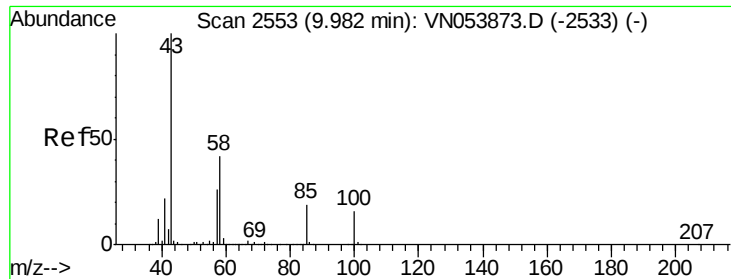
Tgt Ion: 98 Resp: 1194340

Ion Ratio Lower Upper

98 100

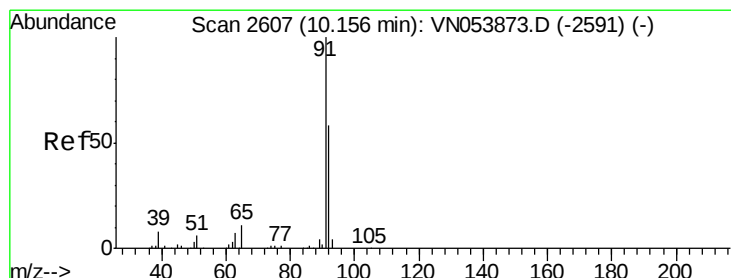
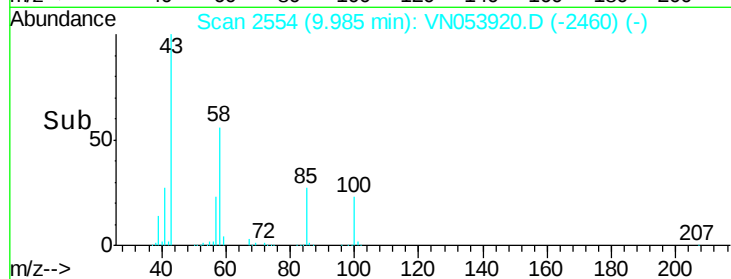
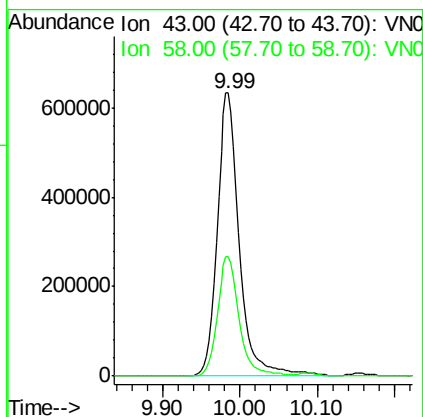
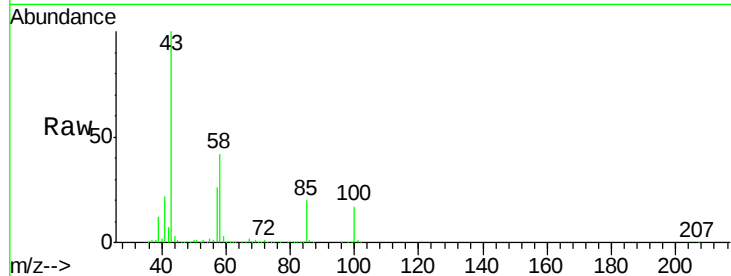
100 65.6 51.9 77.9





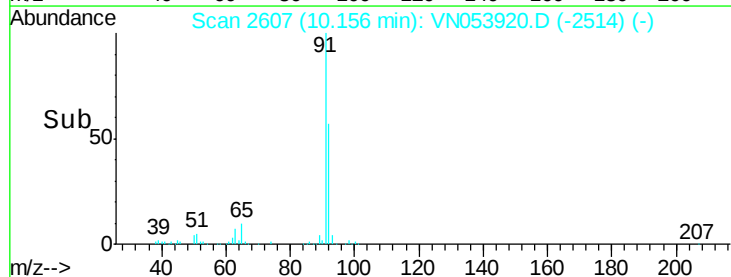
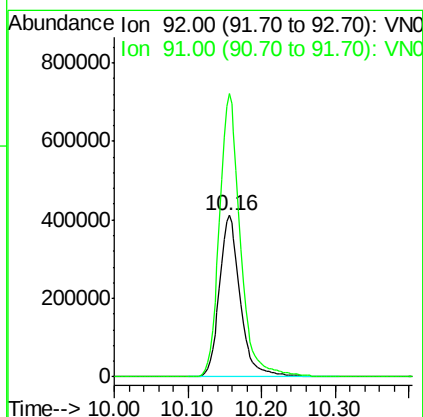
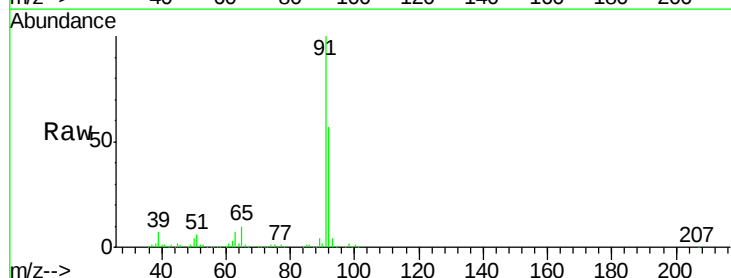
#51
4-Methyl-2-Pentanone
Concen: 254.148 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN053920.D
Acq: 22 Feb 2019 17:05

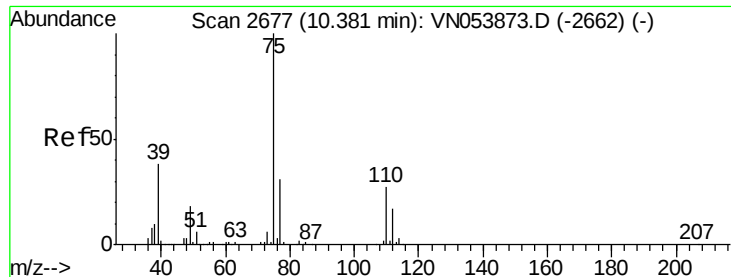
Tot Ion: 43 Resp: 1250649
Ion Ratio Lower Upper
43 100
58 42.2 32.7 49.1



#52
Toluene
Concen: 51.432 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN053920.D
Acq: 22 Feb 2019 17:05

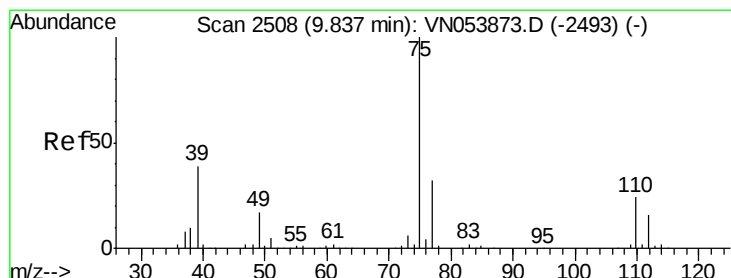
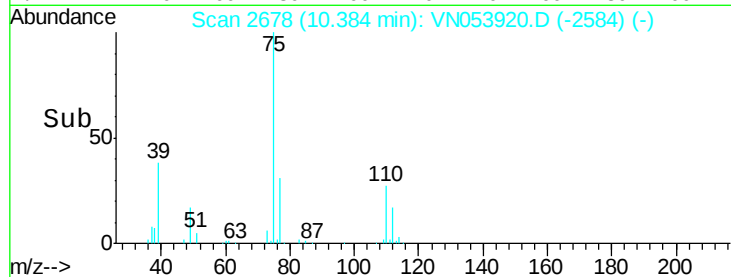
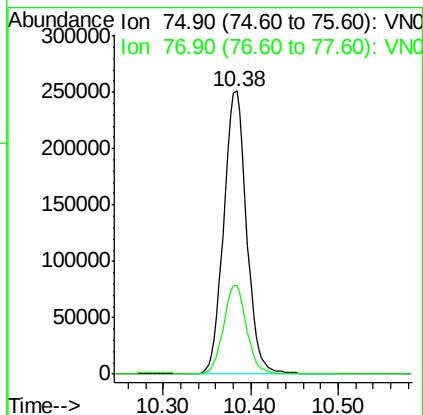
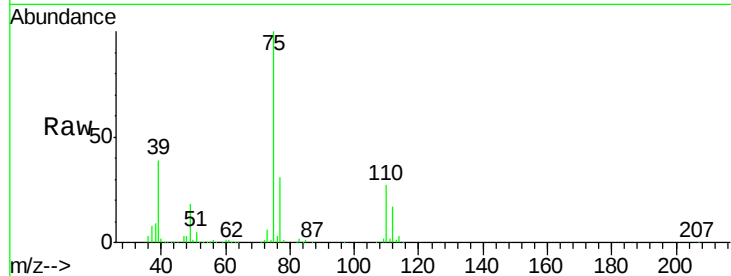
Tgt Ion: 92 Resp: 808707
Ion Ratio Lower Upper
92 100
91 175.2 138.4 207.6





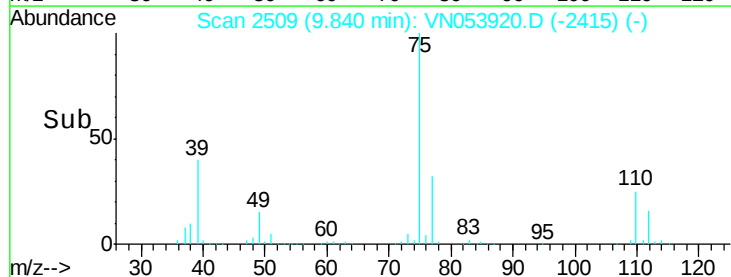
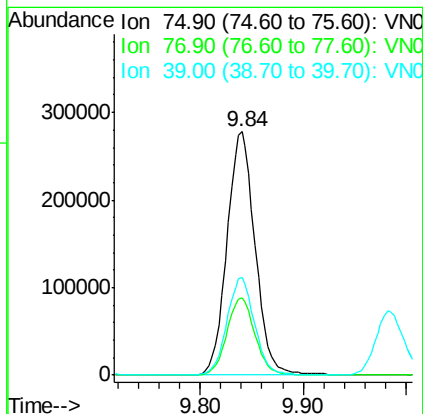
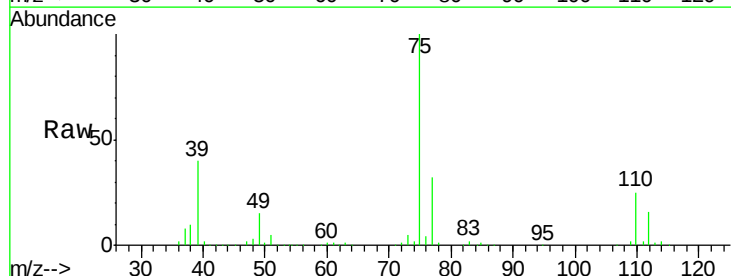
#53
t-1,3-Dichloropropene
Concen: 54.543 ug/l
RT: 10.38 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN053920.D
Acq: 22 Feb 2019 17:05

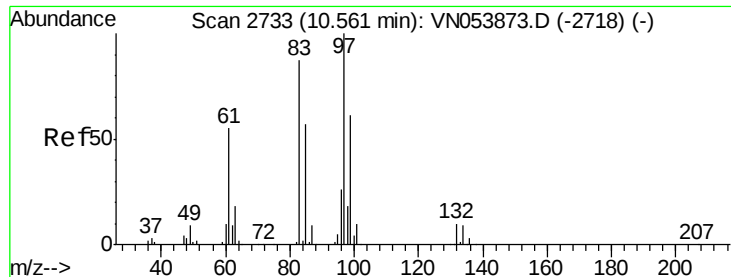
Tot Ion: 75 Resp: 455726
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 53.594 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN053920.D
Acq: 22 Feb 2019 17:05

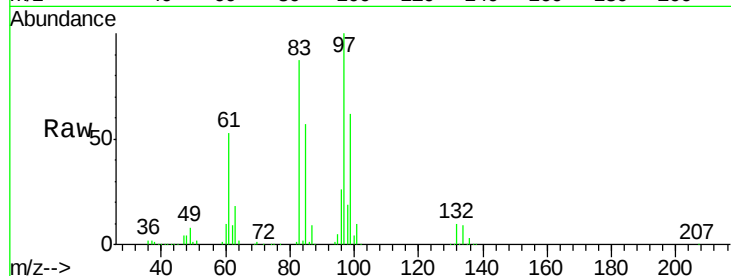
Tgt Ion: 75 Resp: 527806
Ion Ratio Lower Upper
75 100
77 31.6 25.8 38.6
39 40.0 31.4 47.0



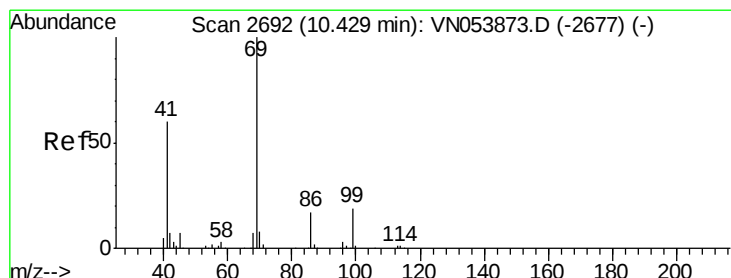
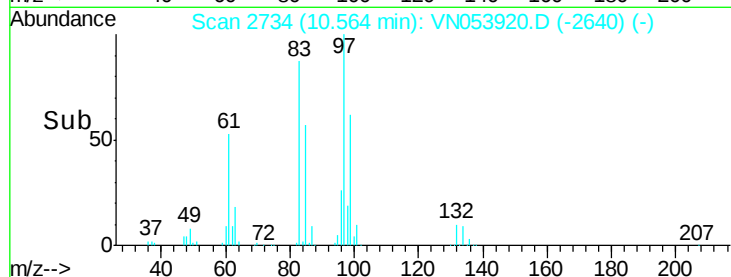
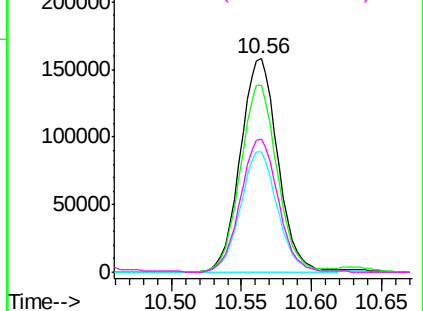


#55
 1,1,2-Trichloroethane
 Concen: 51.186 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN053920.D
 Acq: 22 Feb 2019 17:05

Tot Ion:	97	Resp:	294219
Ion	Ratio	Lower	Upper
97	100		
83	87.4	69.5	104.3
85	56.6	45.9	68.9
99	61.9	49.1	73.7

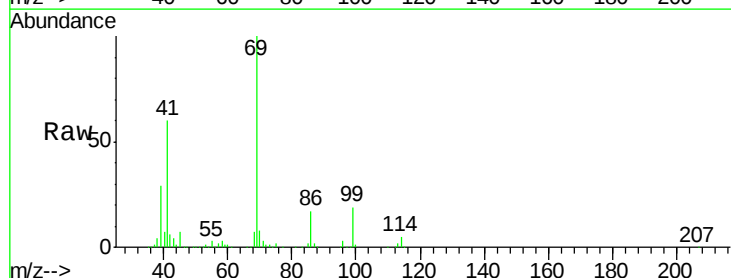


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

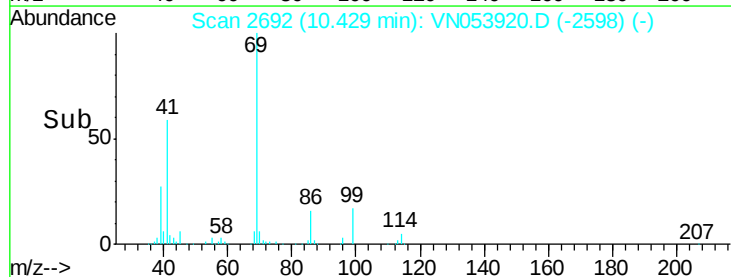
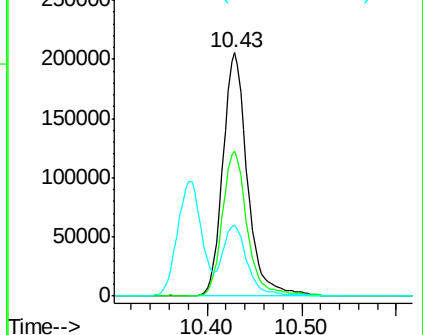


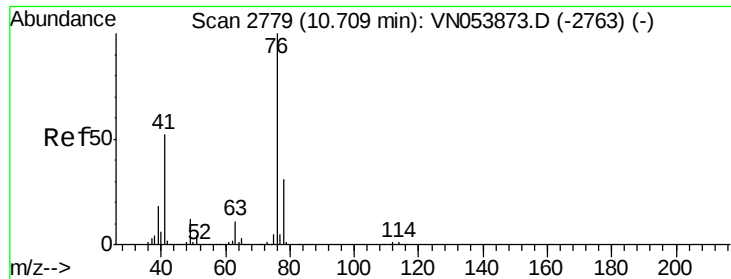
#56
 Ethyl methacrylate
 Concen: 50.287 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN053920.D
 Acq: 22 Feb 2019 17:05

Tgt Ion:	69	Resp:	371870
Ion	Ratio	Lower	Upper
69	100		
41	60.1	47.5	71.3
39	29.6	23.4	35.0



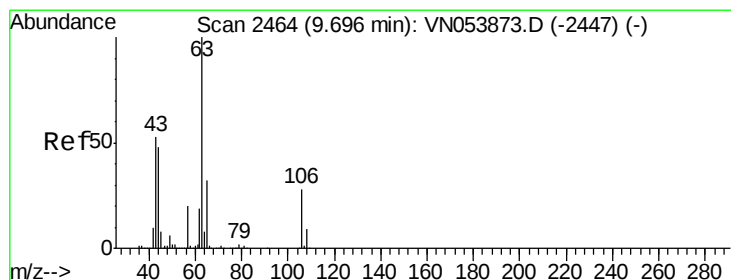
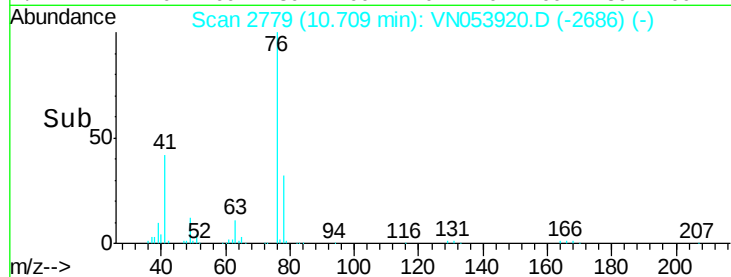
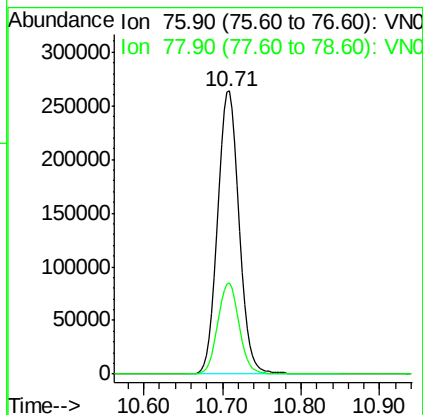
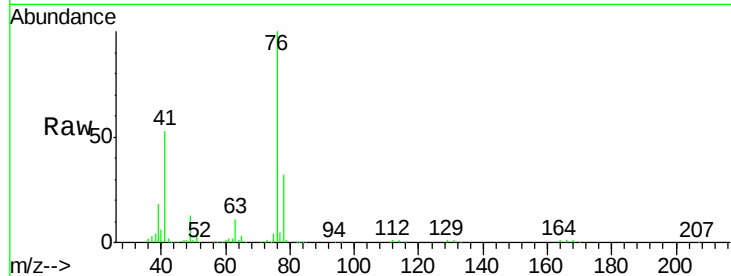
Abundance Ion 69.00 (68.70 to 69.70): VN0
 Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0





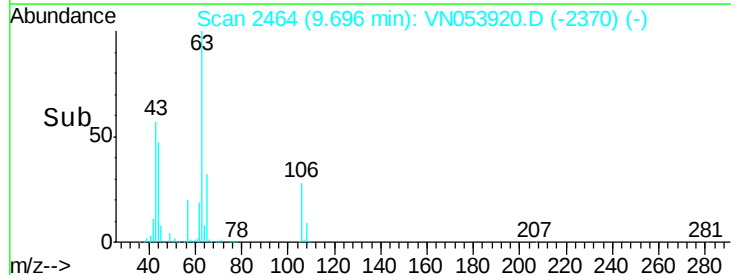
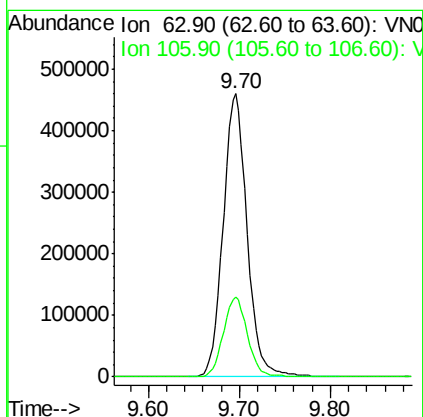
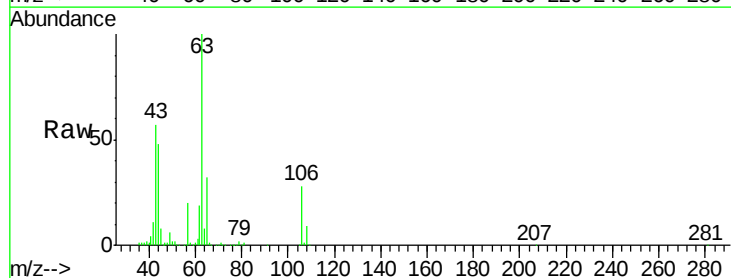
#57
 1,3-Dichloropropane
 Concen: 51.363 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN053920.D
 Acq: 22 Feb 2019 17:05

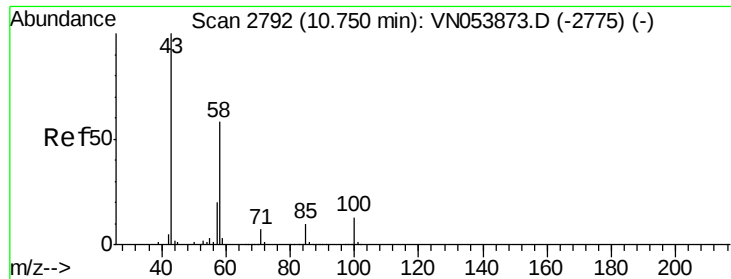
Tot Ion: 76 Resp: 497102
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 253.143 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN053920.D
 Acq: 22 Feb 2019 17:05

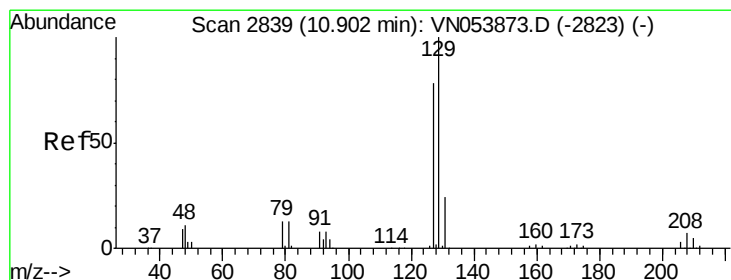
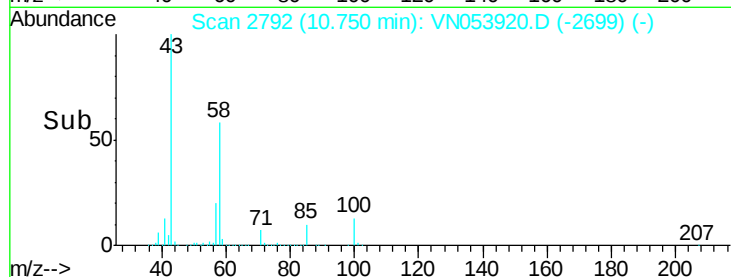
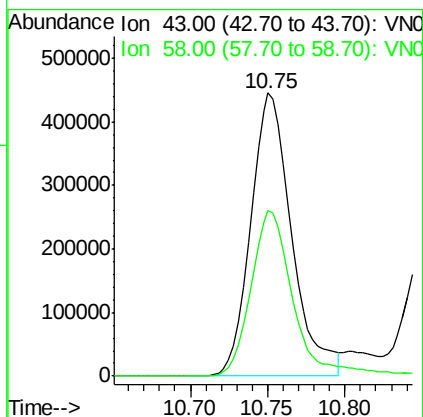
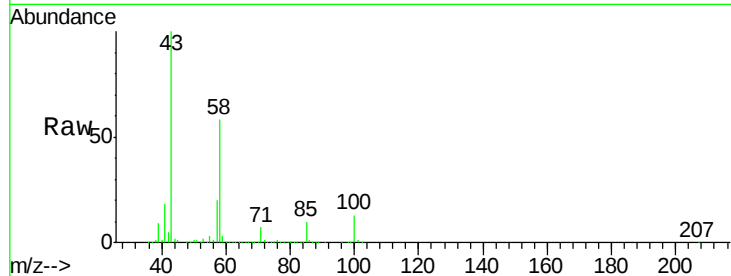
Tgt Ion: 63 Resp: 841120
 Ion Ratio Lower Upper
 63 100
 106 28.5 22.2 33.2





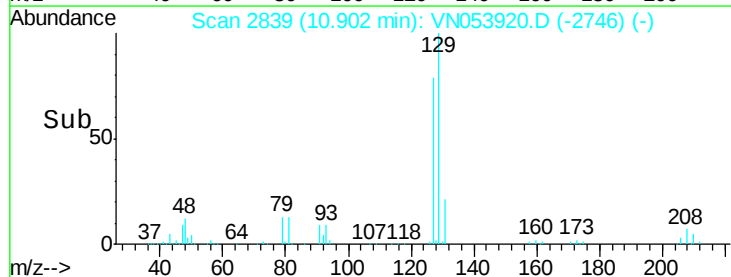
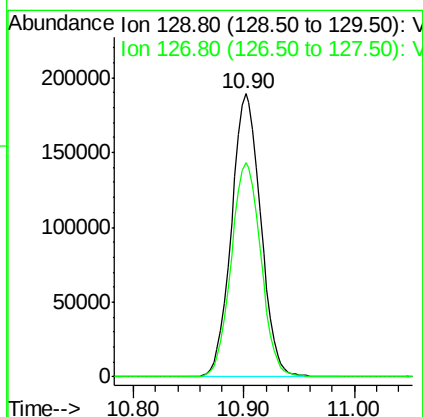
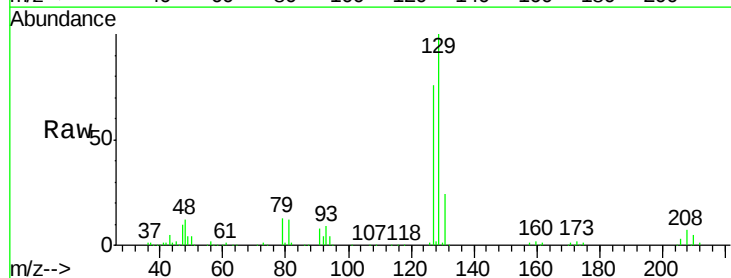
#59
2-Hexanone
Concen: 271.856 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN053920.D
Acq: 22 Feb 2019 17:05

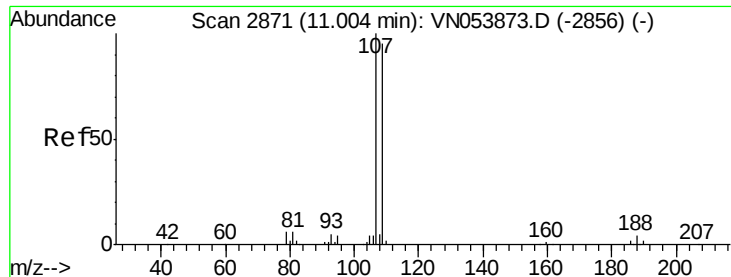
Tot Ion: 43 Resp: 816548
Ion Ratio Lower Upper
43 100
58 60.4 29.1 87.4



#60
Dibromochloromethane
Concen: 51.818 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN053920.D
Acq: 22 Feb 2019 17:05

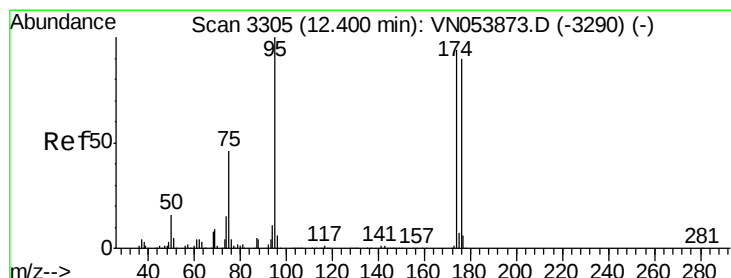
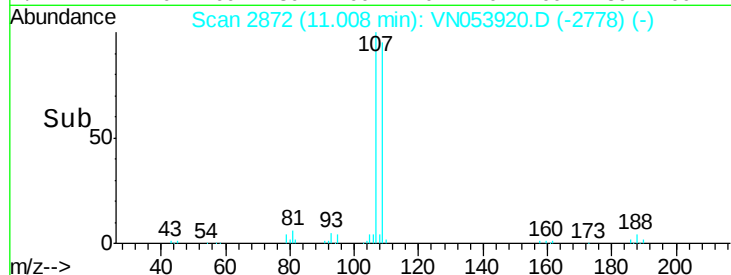
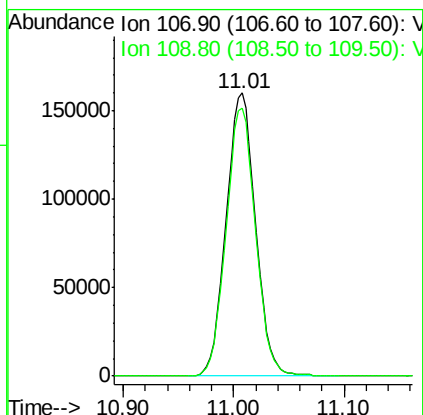
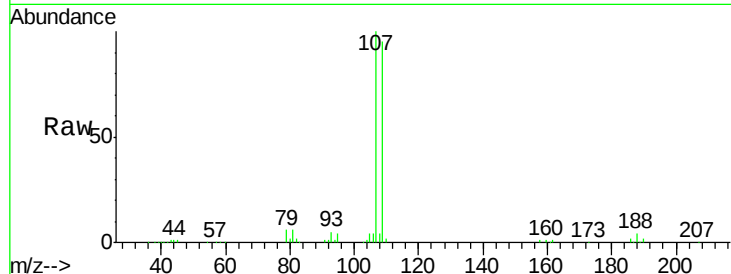
Tgt Ion: 129 Resp: 347667
Ion Ratio Lower Upper
129 100
127 76.8 38.8 116.3





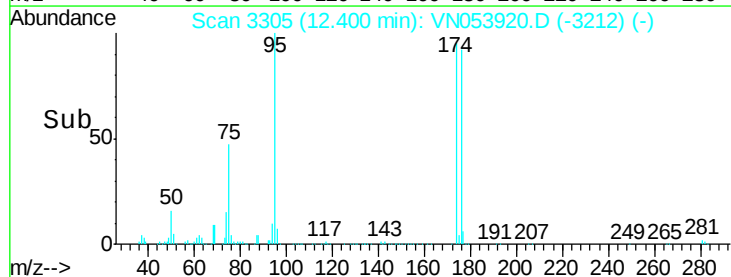
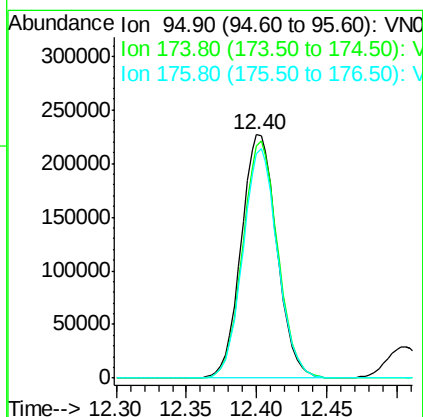
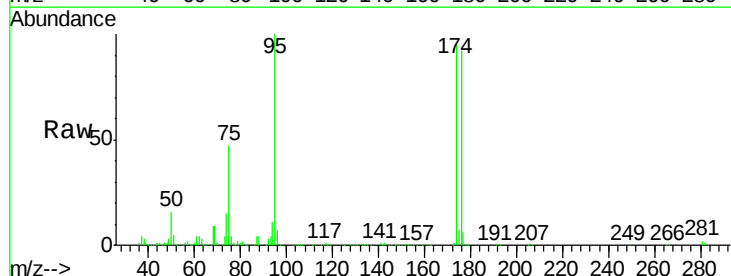
#61
 1,2-Dibromoethane
 Concen: 51.749 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN053920.D
 Acq: 22 Feb 2019 17:05

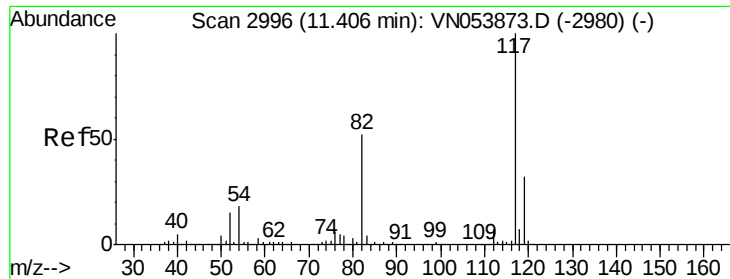
Tot Ion: 107 Resp: 295516
 Ion Ratio Lower Upper
 107 100
 109 95.1 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 52.371 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN053920.D
 Acq: 22 Feb 2019 17:05

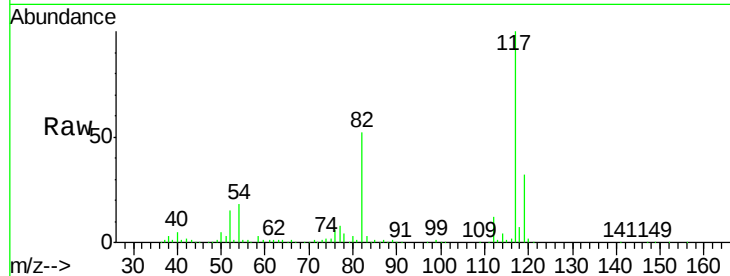
Tgt Ion: 95 Resp: 401296
 Ion Ratio Lower Upper
 95 100
 174 95.9 0.0 188.8
 176 92.2 0.0 182.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053920.D
Acq: 22 Feb 2019 17:05

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.0	41.4	62.2
119	32.3	25.3	37.9

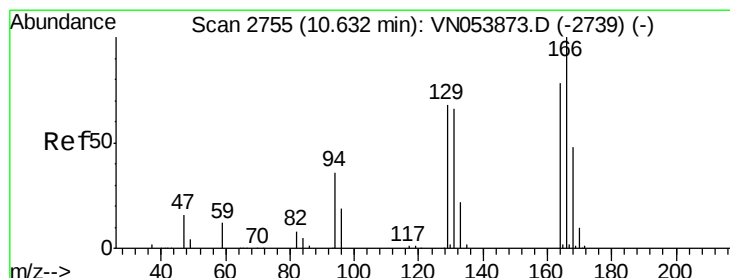
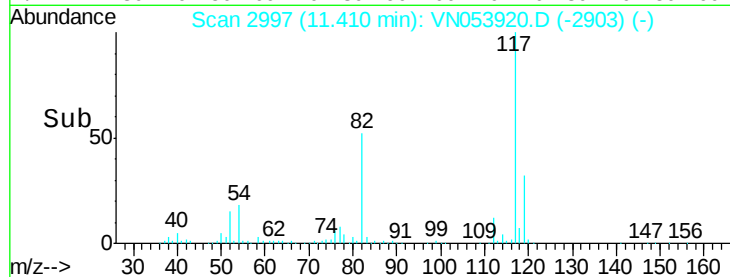
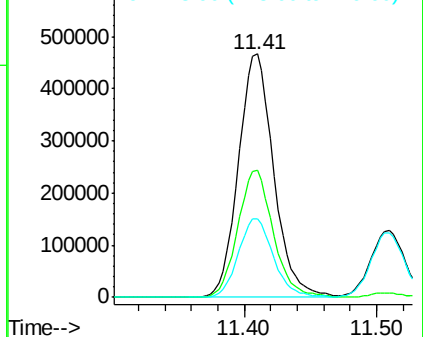


Abundance

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: 45.098 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN053920.D
Acq: 22 Feb 2019 17:05

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.5	102.6	153.8
129	89.8	69.4	104.0
131	86.5	68.1	102.1

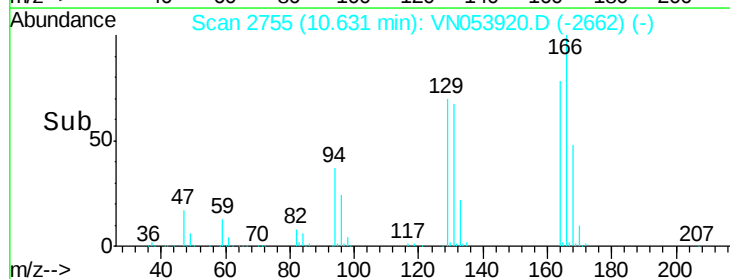
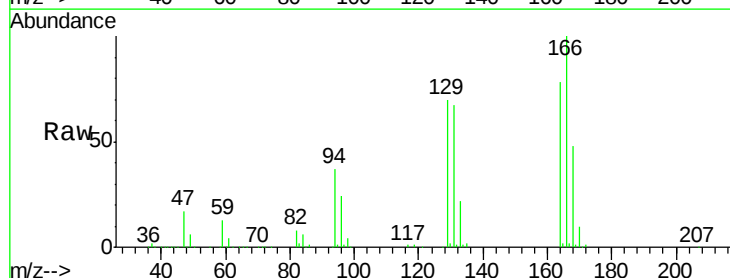
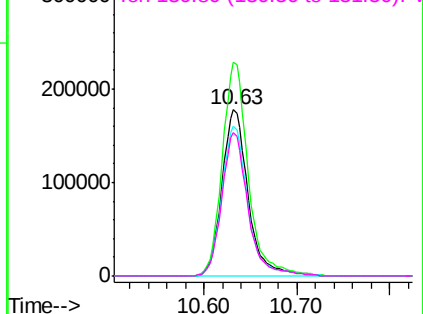
Abundance

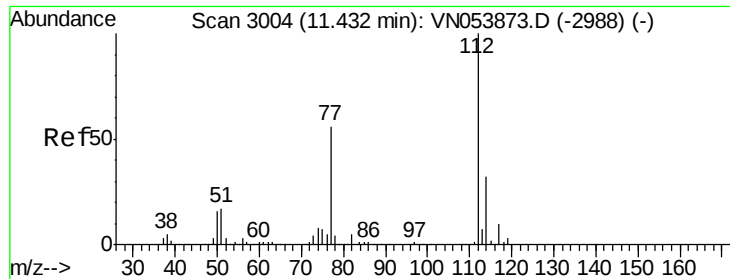
Ion 163.80 (163.50 to 164.50): V

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: 49.869 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN053920.D

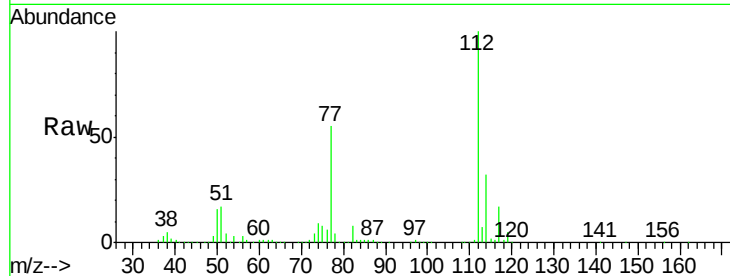
Acq: 22 Feb 2019 17:05

Tot Ion:112 Resp: 902615

Ion Ratio Lower Upper

112 100

114 31.9 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.43

500000

400000

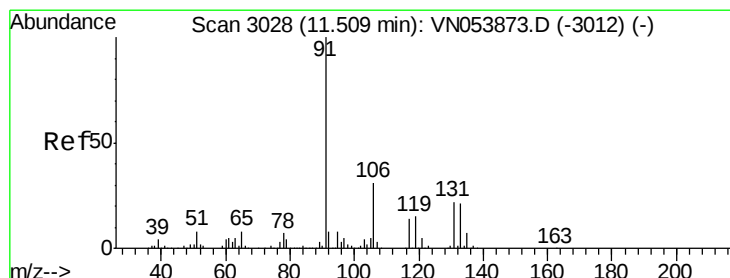
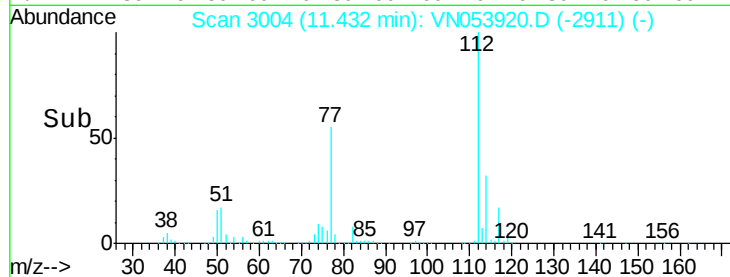
300000

200000

100000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 51.006 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN053920.D

Acq: 22 Feb 2019 17:05

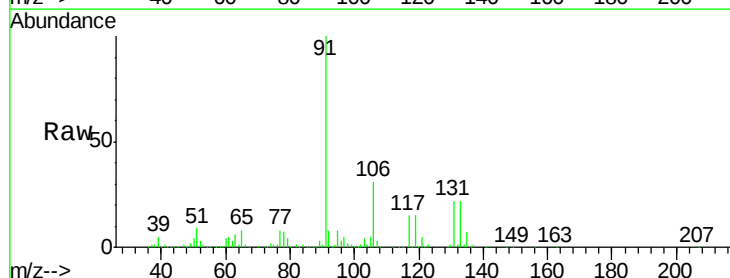
Tgt Ion:131 Resp: 336888

Ion Ratio Lower Upper

131 100

133 95.7 47.7 143.1

119 65.9 33.1 99.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.51

250000

200000

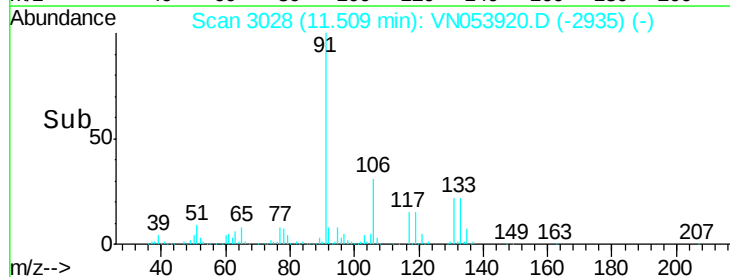
150000

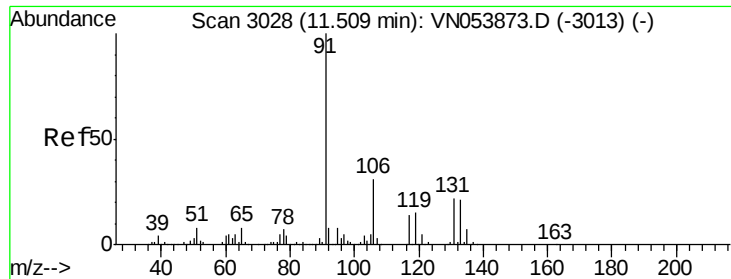
100000

50000

0

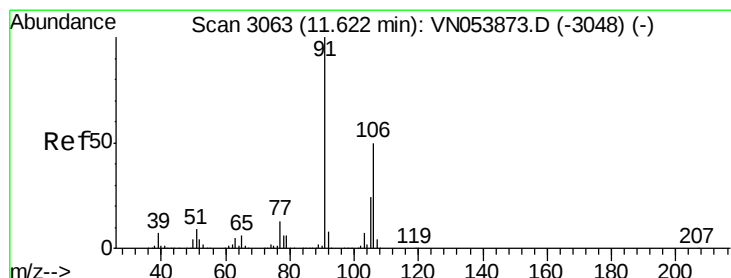
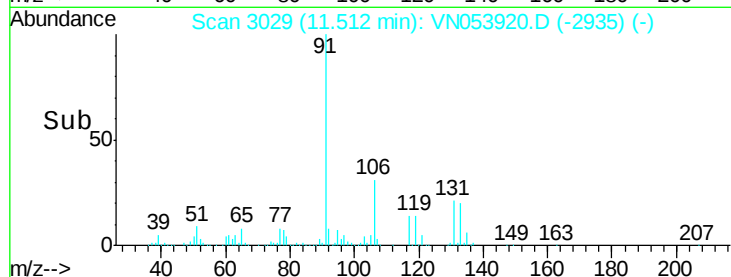
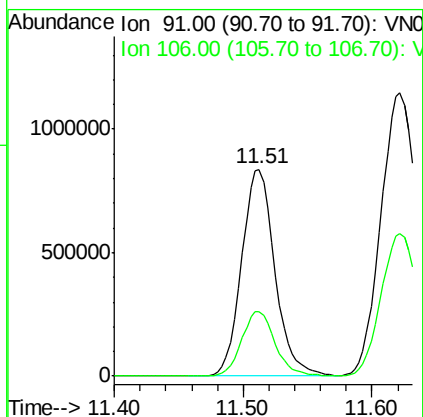
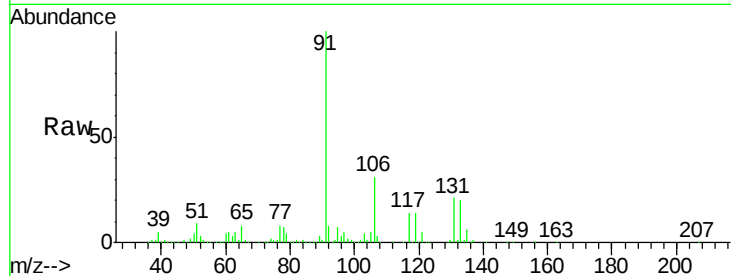
Time-->





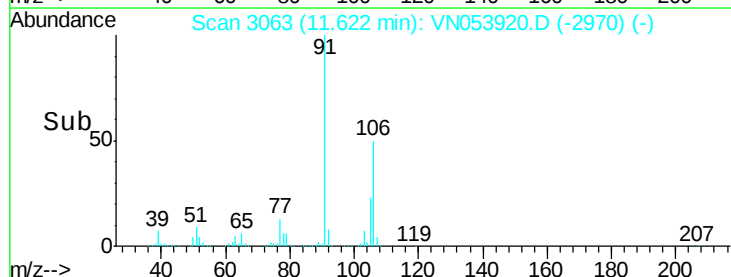
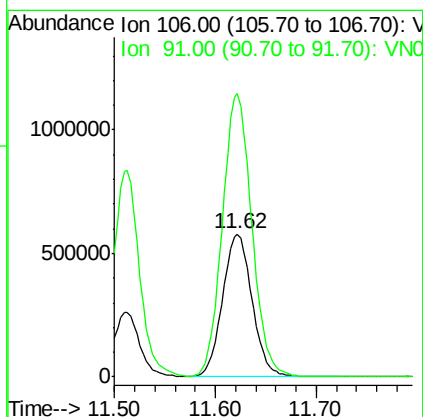
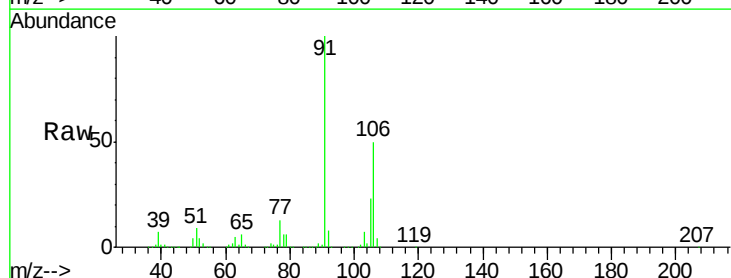
#67
Ethyl Benzene
Concen: 51.509 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053920.D
Acq: 22 Feb 2019 17:05

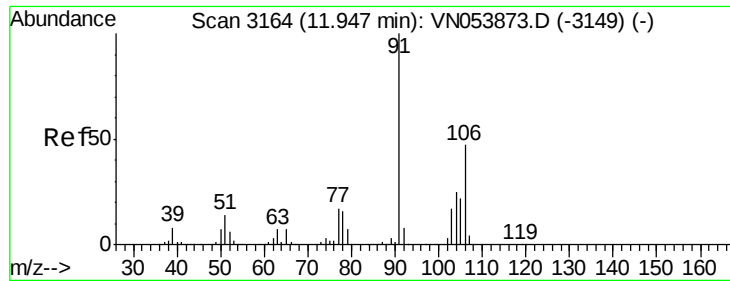
Tot Ion: 91 Resp: 1508823
Ion Ratio Lower Upper
91 100
106 31.1 25.2 37.8



#68
m/p-Xylenes
Concen: 104.028 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN053920.D
Acq: 22 Feb 2019 17:05

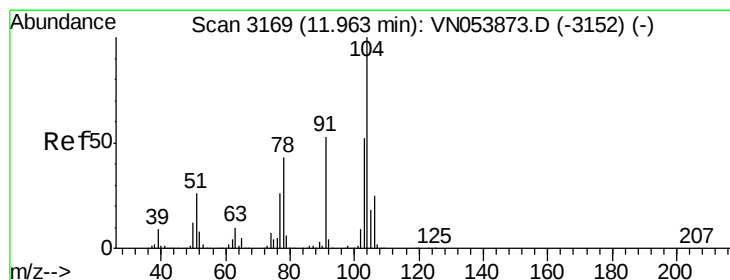
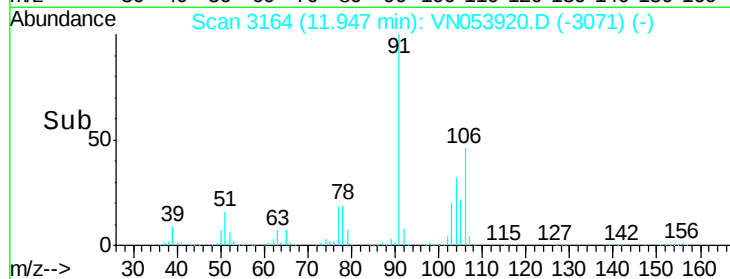
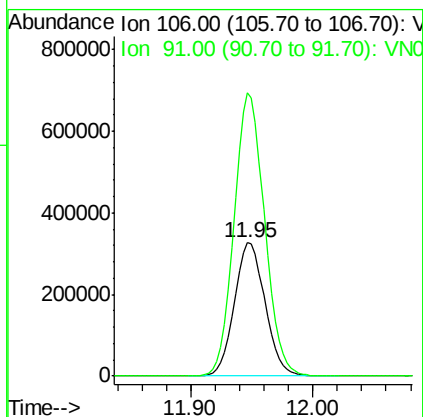
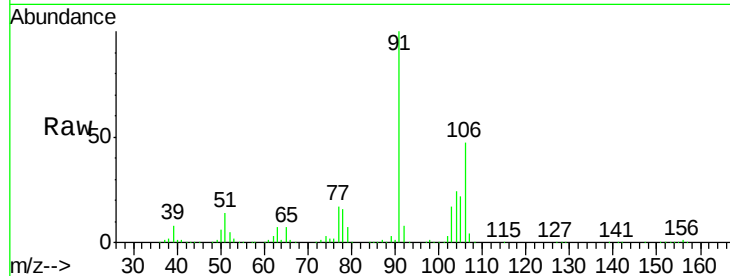
Tgt Ion: 106 Resp: 1179881
Ion Ratio Lower Upper
106 100
91 197.6 158.9 238.3





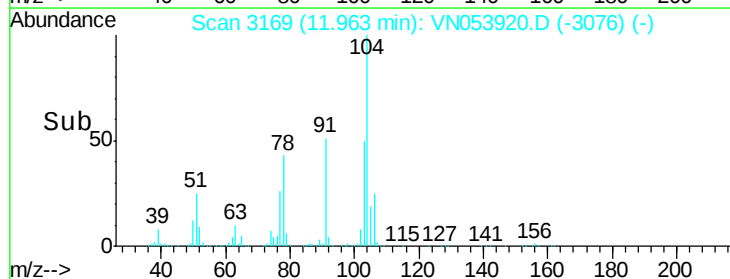
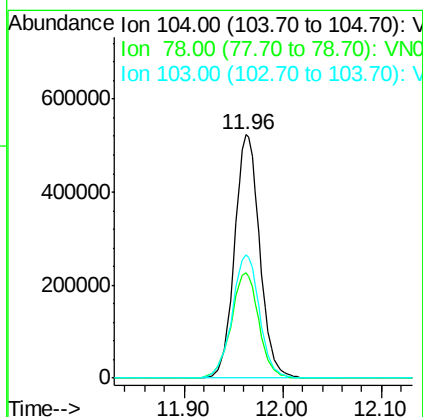
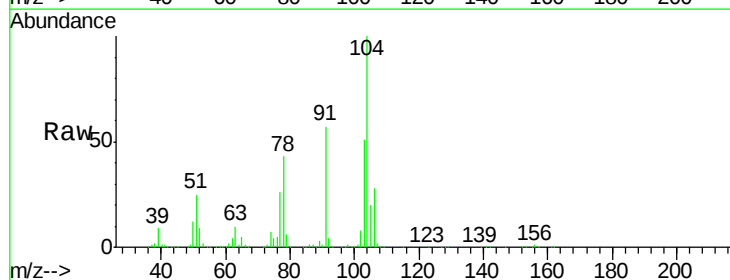
#69
o-Xylene
Concen: 52.255 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN053920.D
Acq: 22 Feb 2019 17:05

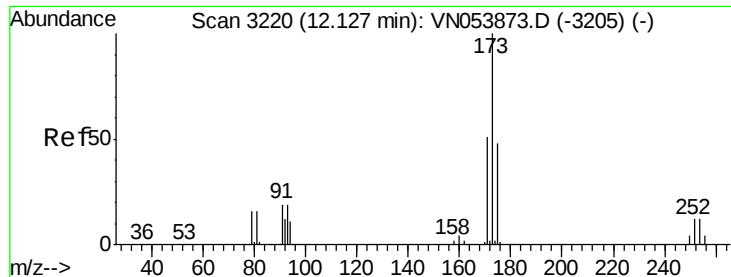
Tot Ion:106 Resp: 570576
Ion Ratio Lower Upper
106 100
91 210.7 106.0 318.0



#70
Styrene
Concen: 53.914 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN053920.D
Acq: 22 Feb 2019 17:05

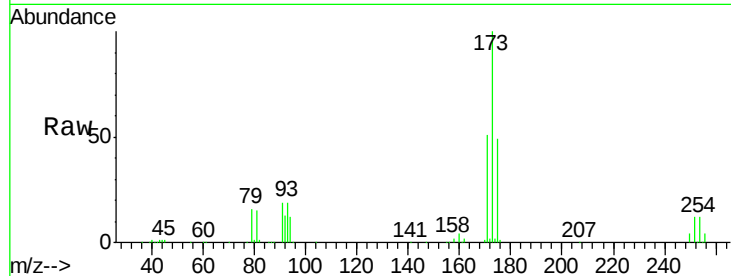
Tgt Ion:104 Resp: 923787
Ion Ratio Lower Upper
104 100
78 47.6 38.1 57.1
103 55.1 44.6 67.0



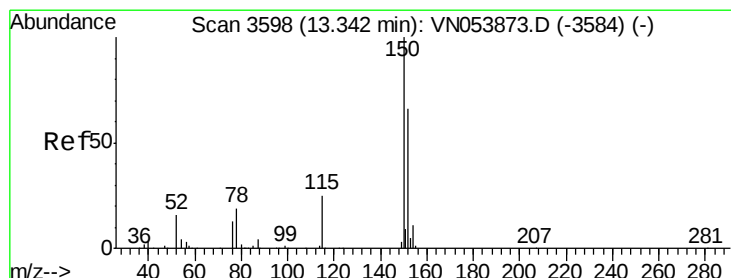
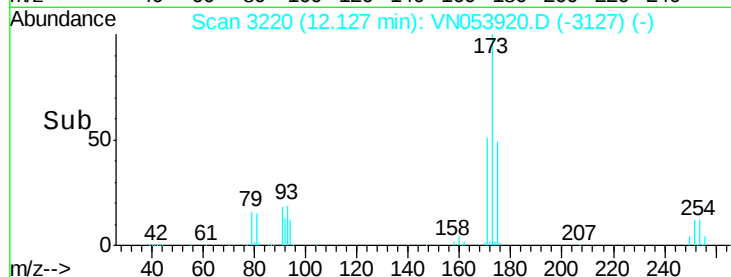
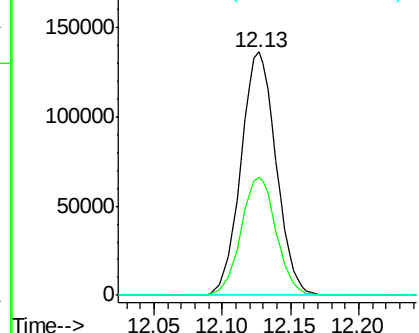


#71
Bromoform
Concen: 52.018 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN053920.D
Acq: 22 Feb 2019 17:05

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.3	72.8
254	0.1	0.2	0.2#

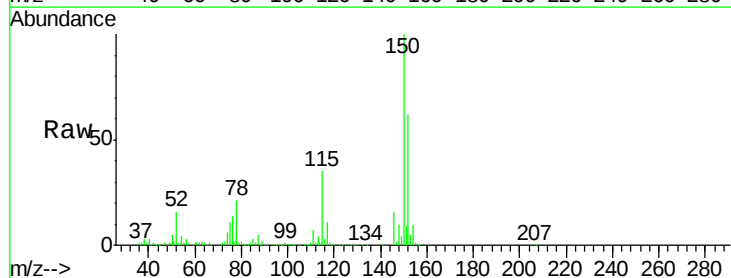


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

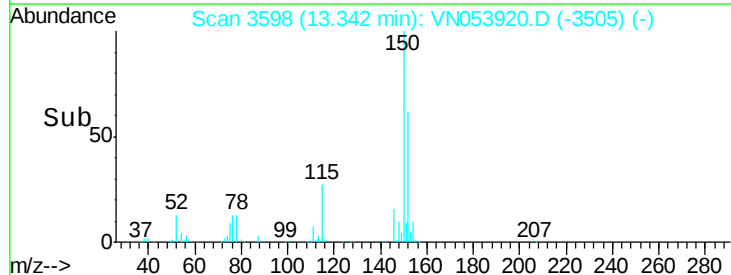
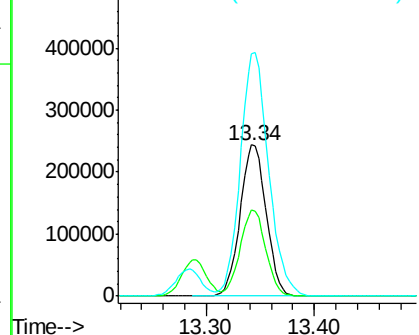


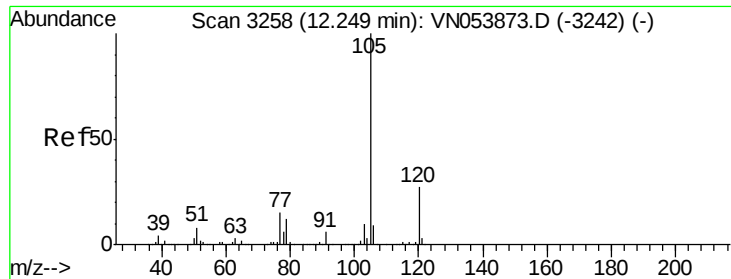
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053920.D
Acq: 22 Feb 2019 17:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.1	27.2	81.6
150	174.7	0.0	348.2



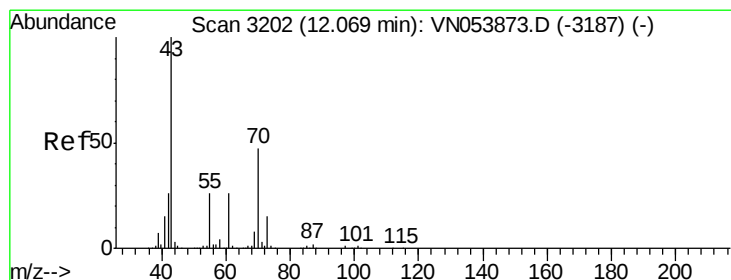
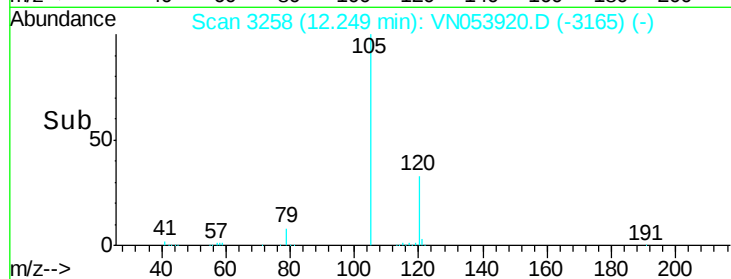
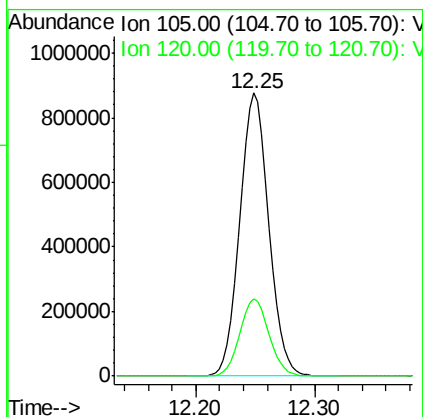
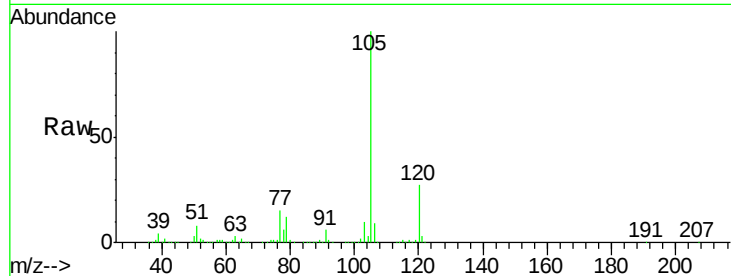
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





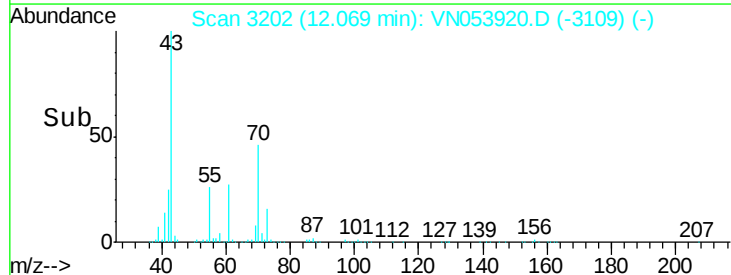
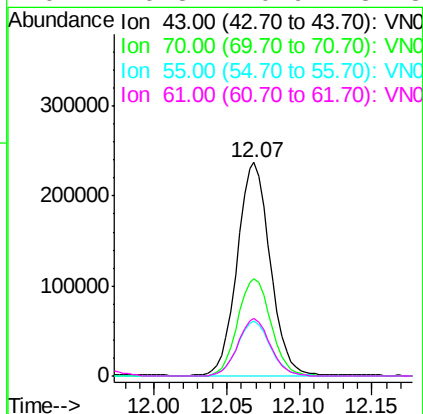
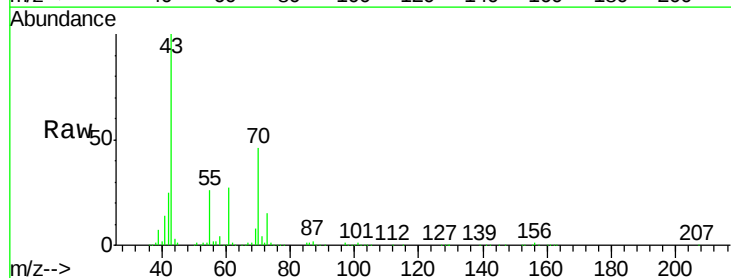
#73
Isopropylbenzene
Concen: 51.142 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN053920.D
Acq: 22 Feb 2019 17:05

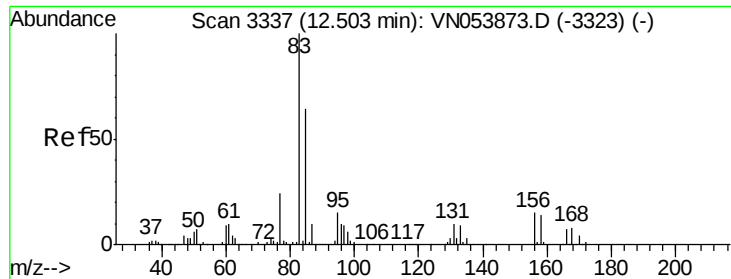
Tot Ion:105 Resp: 1476687
Ion Ratio Lower Upper
105 100
120 27.4 13.5 40.5



#74
N-ethyl acetate
Concen: 56.130 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. -0.00 min
Lab File: VN053920.D
Acq: 22 Feb 2019 17:05

Tgt Ion: 43 Resp: 372181
Ion Ratio Lower Upper
43 100
70 46.7 37.4 56.2
55 26.0 21.4 32.0
61 26.8 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 50.924 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN053920.D

Acq: 22 Feb 2019 17:05

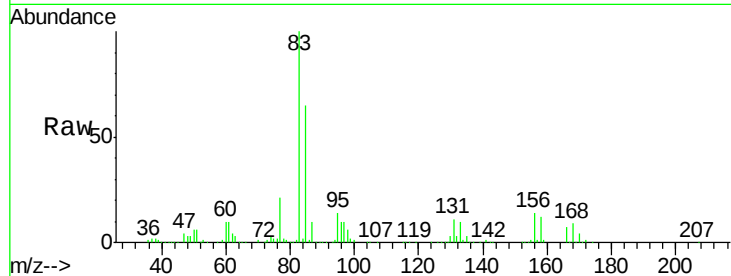
Tot Ion: 83 Resp: 347638

Ion	Ratio	Lower	Upper
83	100		
131	11.0	5.3	16.1
85	65.0	31.9	95.9

83 100

131 11.0 5.3 16.1

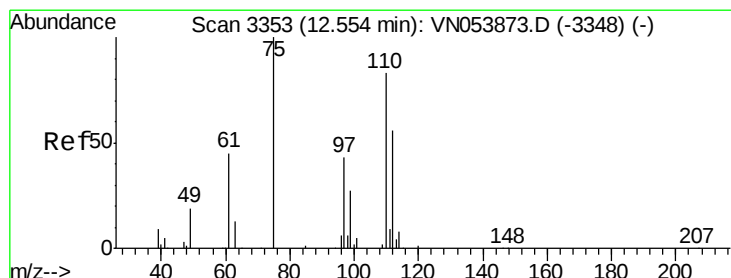
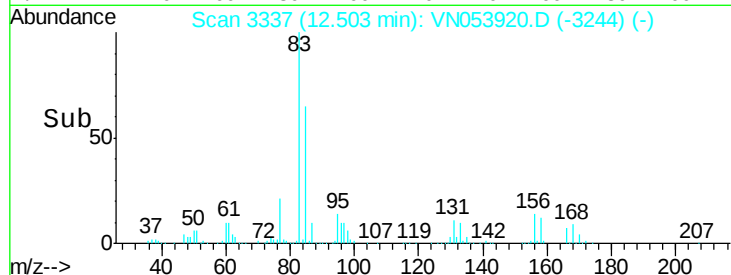
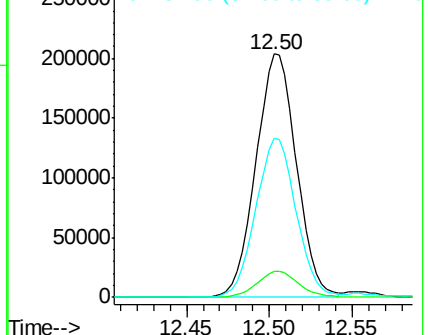
85 65.0 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 72.748 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN053920.D

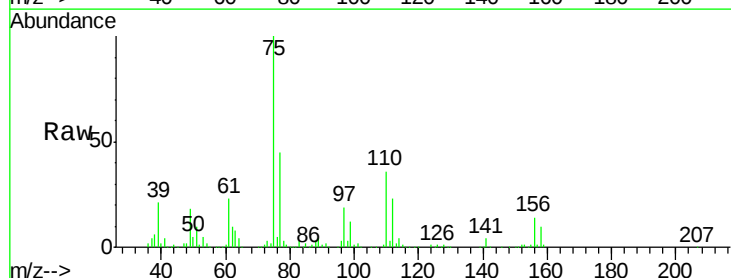
Acq: 22 Feb 2019 17:05

Tgt Ion: 75 Resp: 437715

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

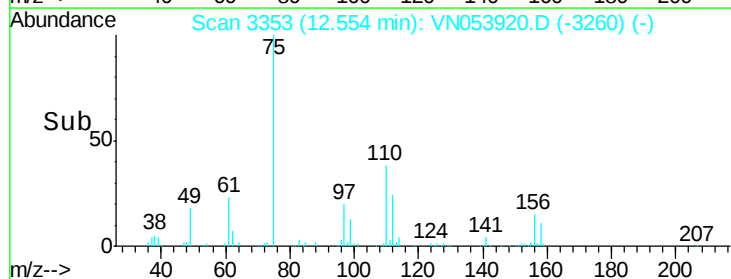
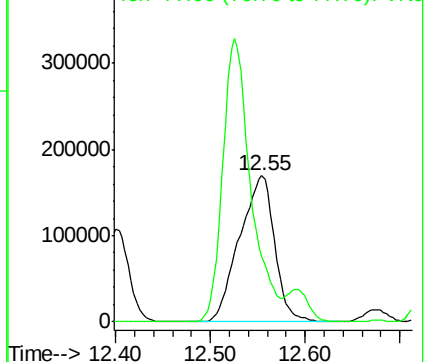
75 100

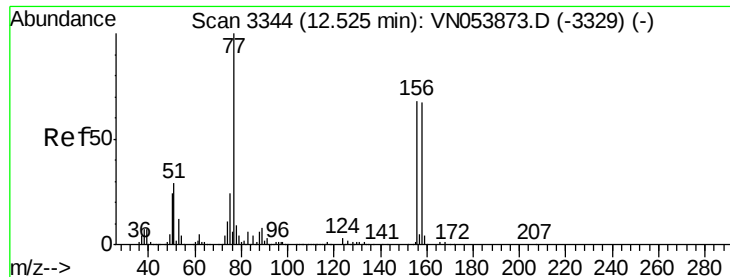
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 55.887 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN053920.D

Acq: 22 Feb 2019 17:05

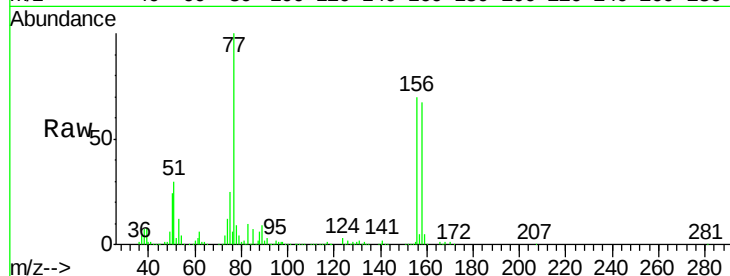
Tot Ion:156 Resp: 432880

Ion Ratio Lower Upper

156 100

77 157.3 84.0 252.2

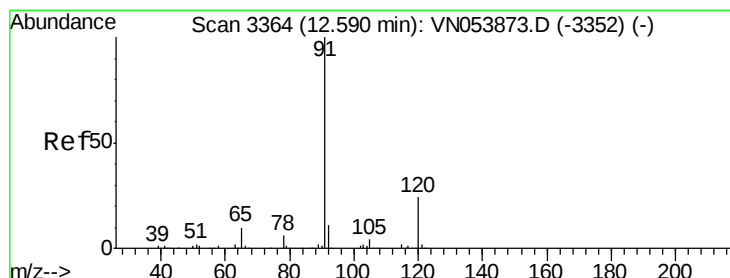
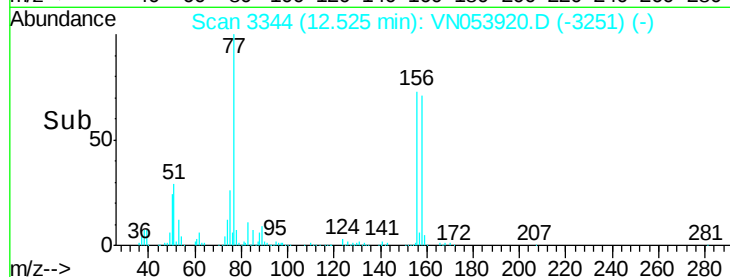
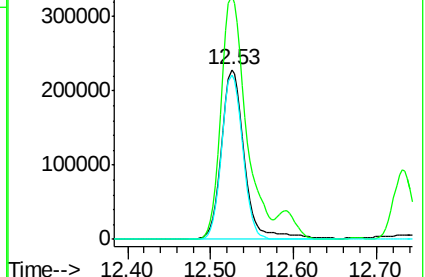
158 89.9 48.5 145.6



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: 52.406 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN053920.D

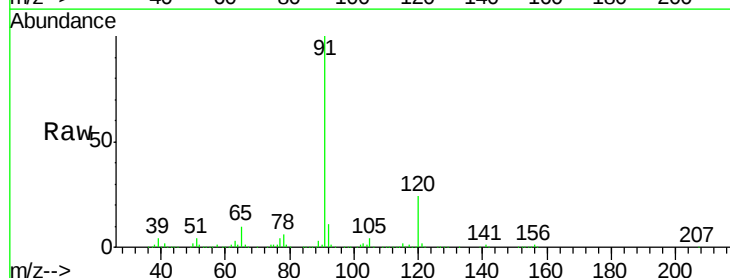
Acq: 22 Feb 2019 17:05

Tgt Ion: 91 Resp: 1692147

Ion Ratio Lower Upper

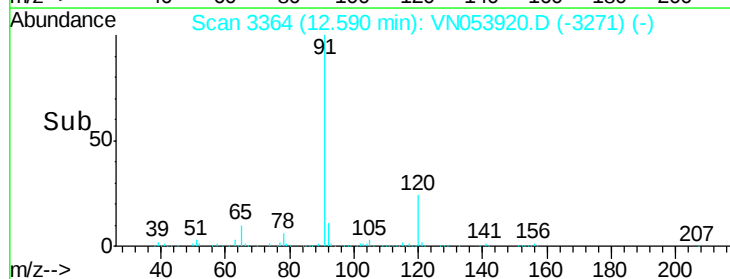
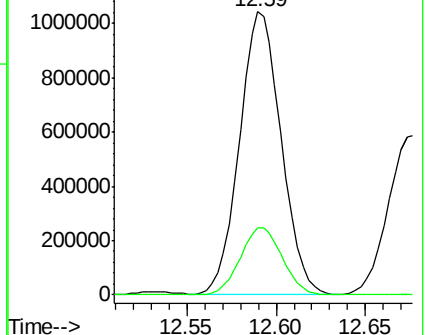
91 100

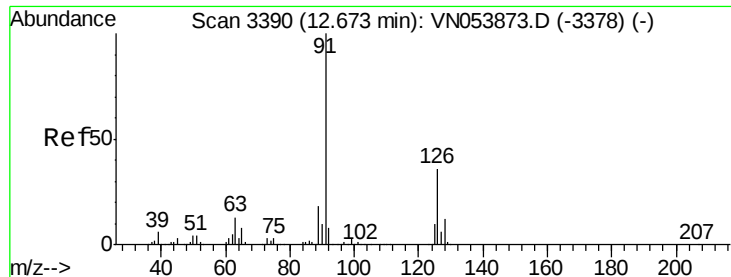
120 24.2 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.120 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN053920.D

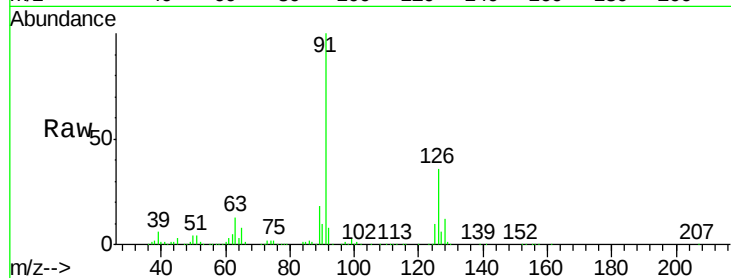
Acq: 22 Feb 2019 17:05

Tot Ion: 91 Resp: 995241

Ion Ratio Lower Upper

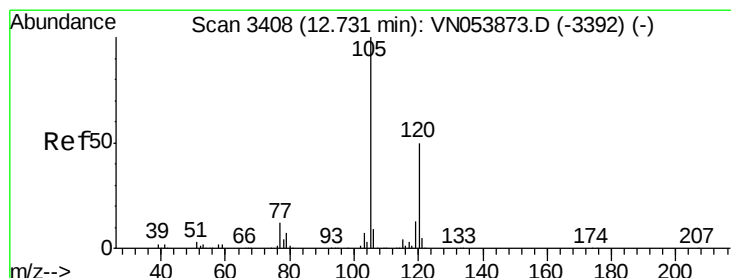
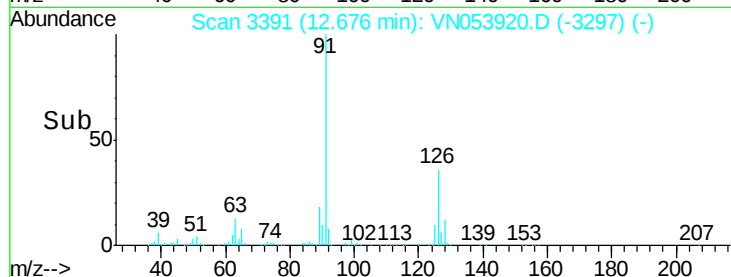
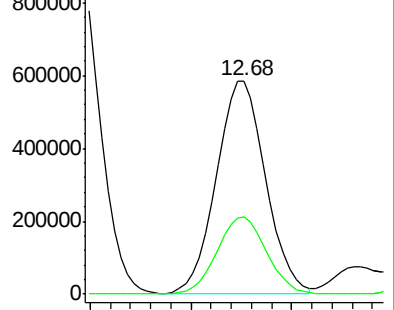
91 100

126 36.5 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VN053920.D (-3391) (-)

Ion 125.90 (125.60 to 126.60): VN053920.D (-3391) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.254 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN053920.D

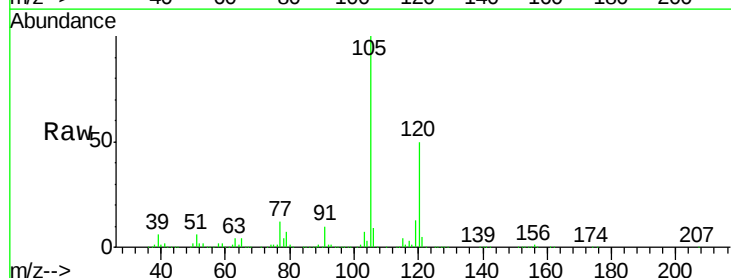
Acq: 22 Feb 2019 17:05

Tgt Ion: 105 Resp: 1252385

Ion Ratio Lower Upper

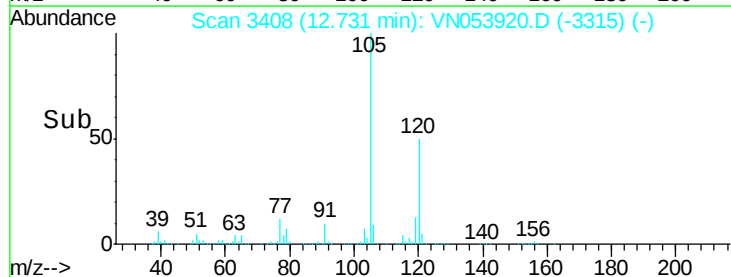
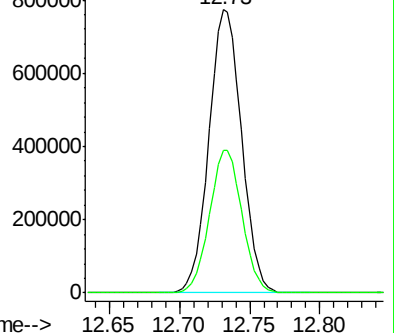
105 100

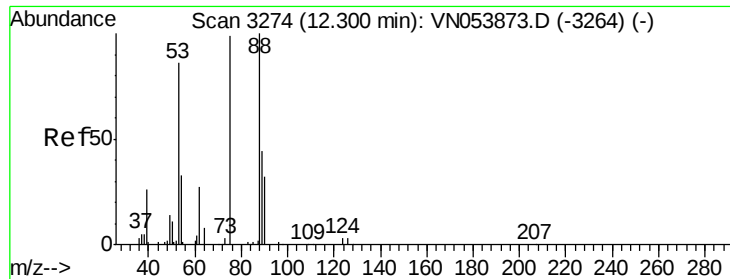
120 50.3 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): VN053920.D (-3408) (-)

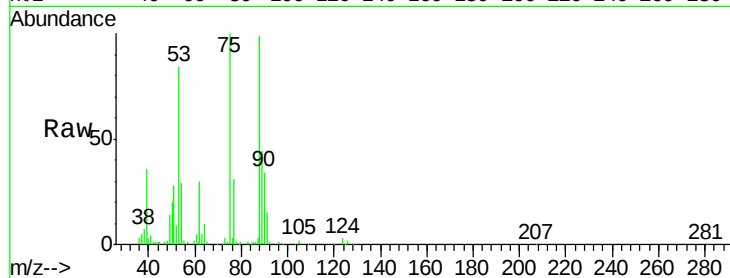
Ion 120.00 (119.70 to 120.70): VN053920.D (-3408) (-)





#81
trans-1,4-Dichloro-2-butene
Concen: 55.114 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN053920.D
Acq: 22 Feb 2019 17:05

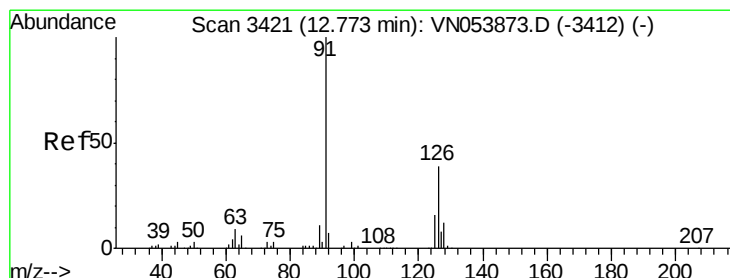
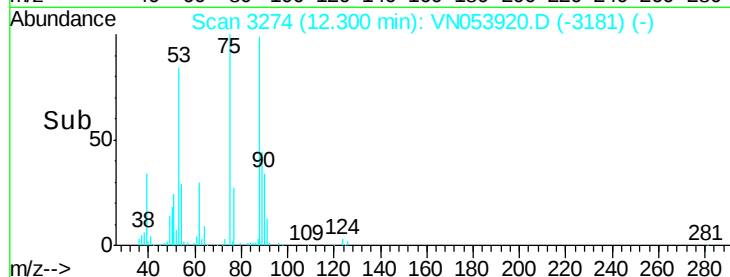
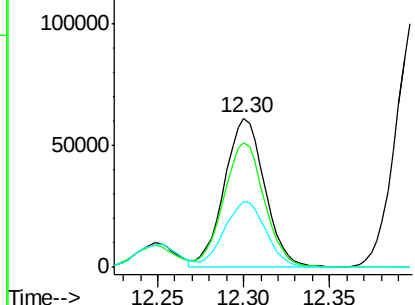
Tot Ion	Ratio	Lower	Upper
75	100		
53	84.8	68.6	102.8
89	45.4	35.3	52.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

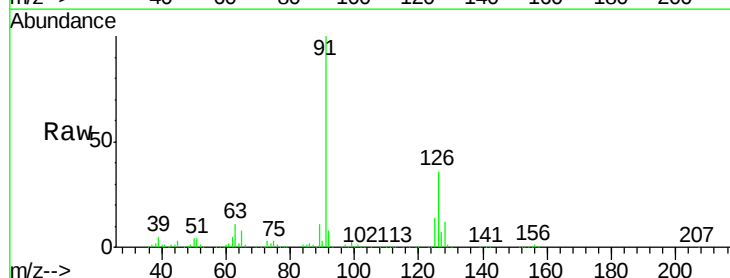
Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



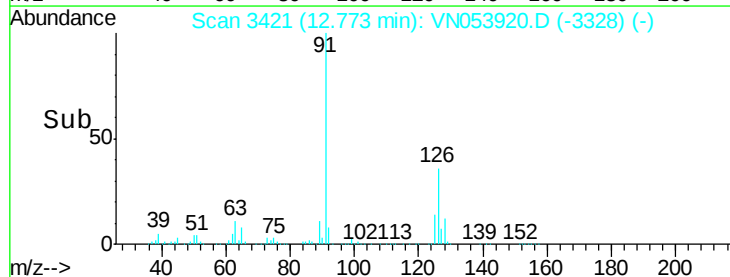
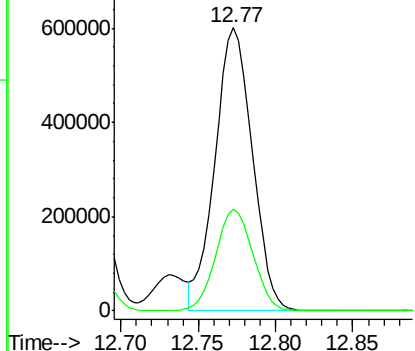
#82
4-Chlorotoluene
Concen: 51.847 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN053920.D
Acq: 22 Feb 2019 17:05

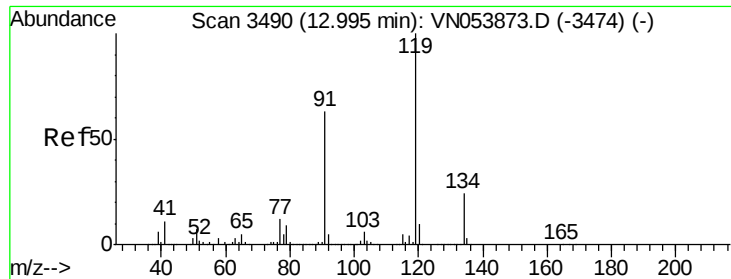
Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.8	18.0	54.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 52.350 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. -0.00 min

Lab File: VN053920.D

Acq: 22 Feb 2019 17:05

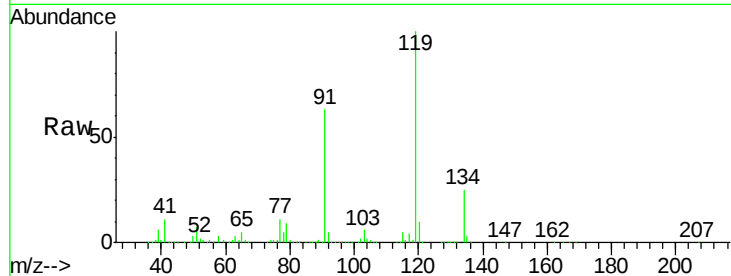
Tot Ion:119 Resp: 1126638

Ion Ratio Lower Upper

119 100

91 60.8 30.6 91.8

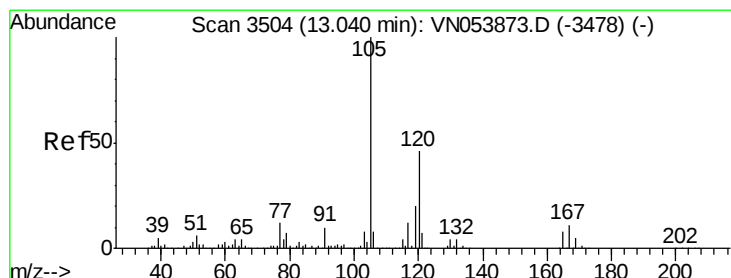
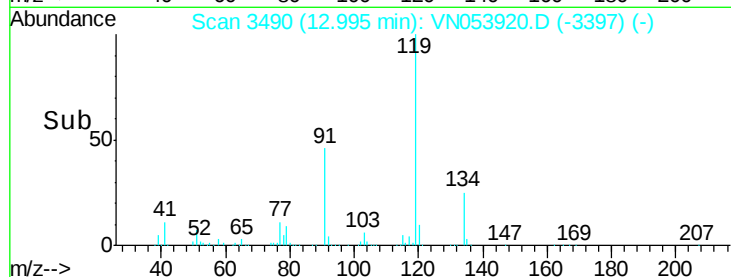
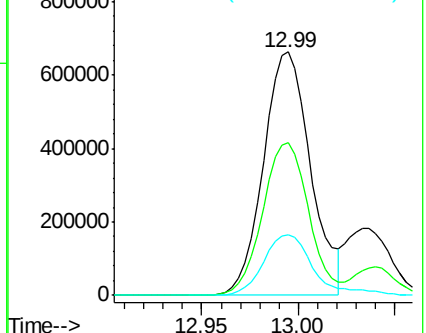
134 26.4 13.0 39.0



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: 52.983 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN053920.D

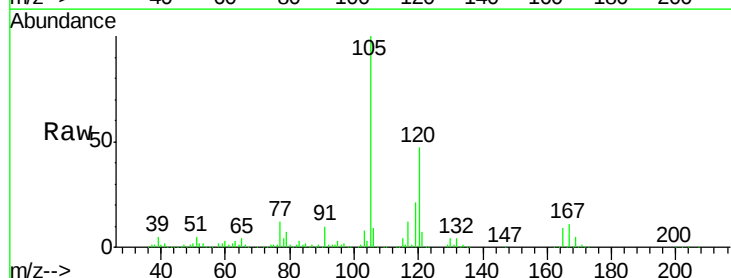
Acq: 22 Feb 2019 17:05

Tgt Ion:105 Resp: 1273625

Ion Ratio Lower Upper

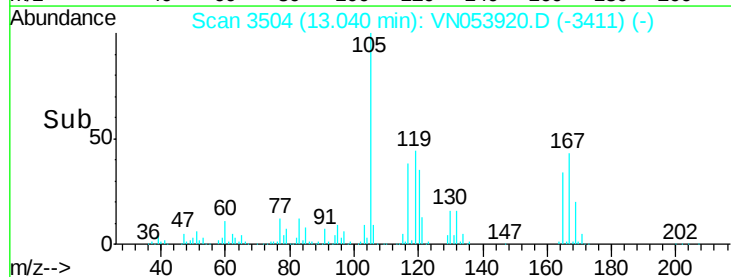
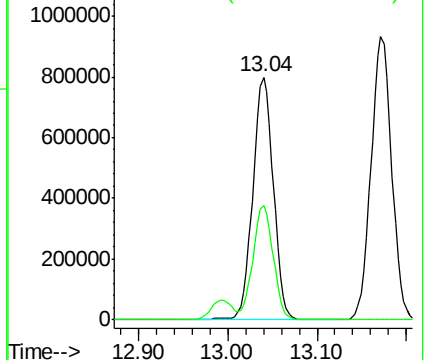
105 100

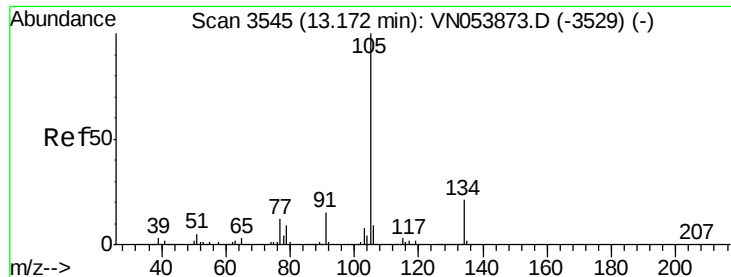
120 46.7 23.2 69.5



Abundance Ion 105.00 (104.70 to 105.70): V

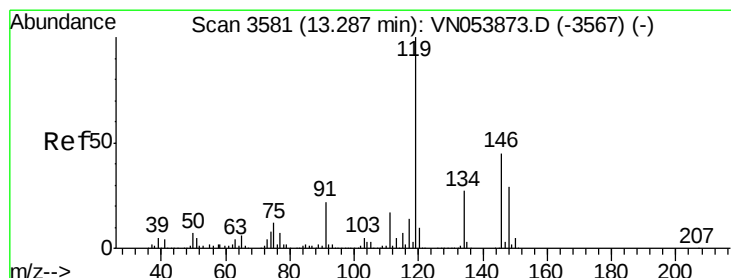
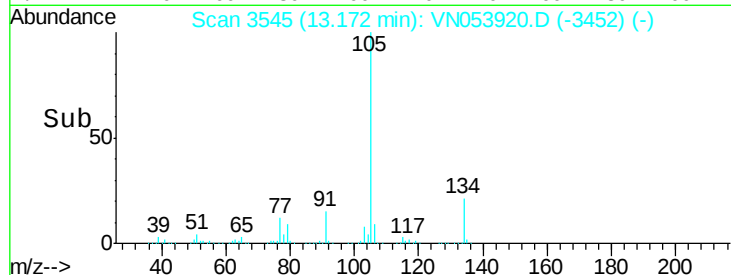
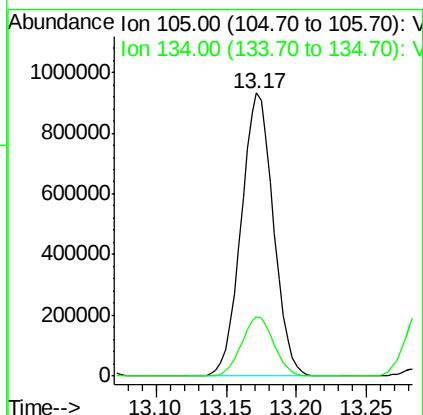
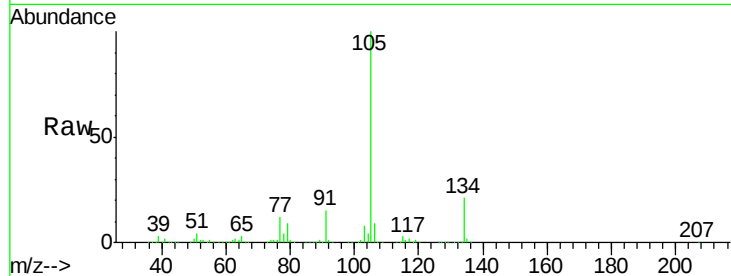
Ion 120.00 (119.70 to 120.70): V





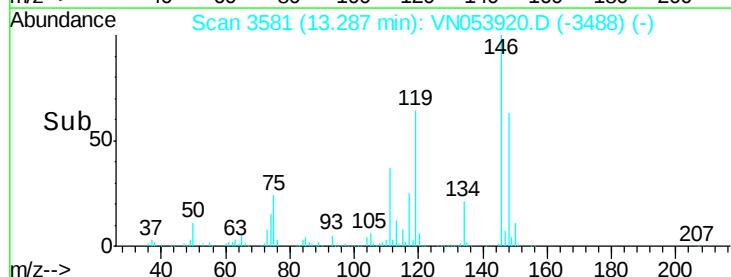
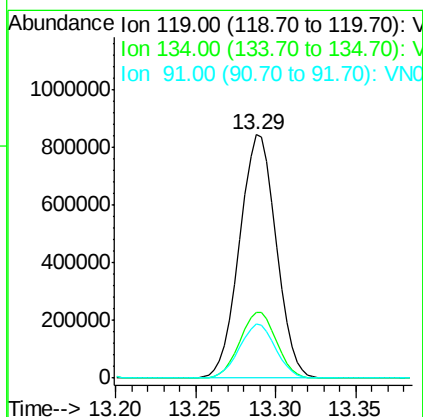
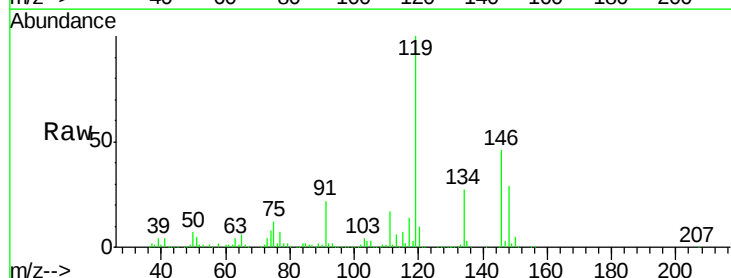
#85
 sec-Butylbenzene
 Concen: 51.238 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN053920.D
 Acq: 22 Feb 2019 17:05

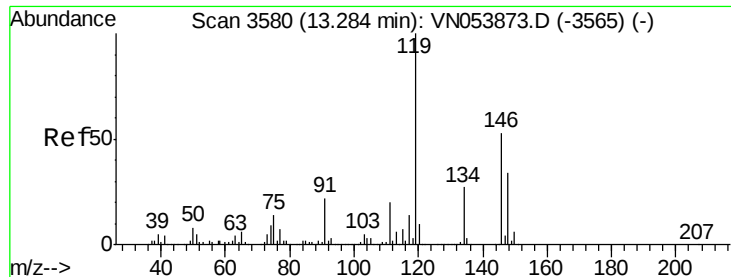
Tot Ion:105 Resp: 1484701
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 52.274 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN053920.D
 Acq: 22 Feb 2019 17:05

Tgt Ion:119 Resp: 1314600
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.5 40.4
 91 21.7 10.9 32.6





#87

1,3-Dichlorobenzene

Concen: 51.243 ug/l

RT: 13.28 min Scan# 3580

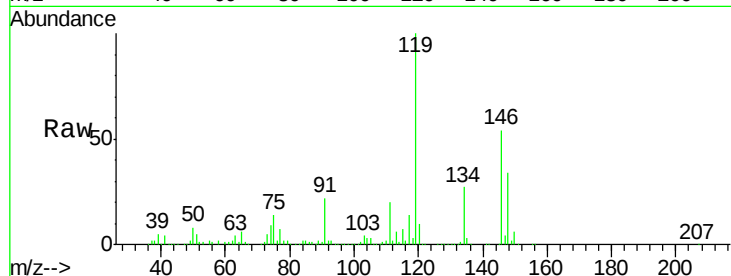
Delta R.T. -0.00 min

Lab File: VN053920.D

Acq: 22 Feb 2019 17:05

Tot Ion:146 Resp: 692622

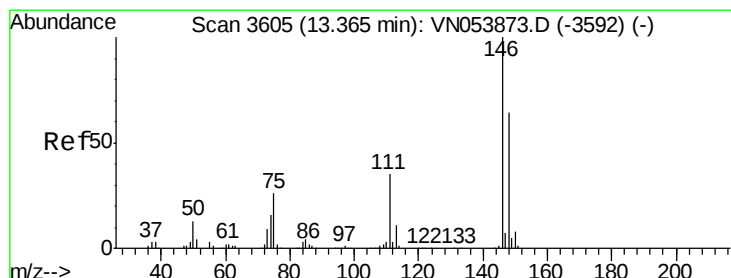
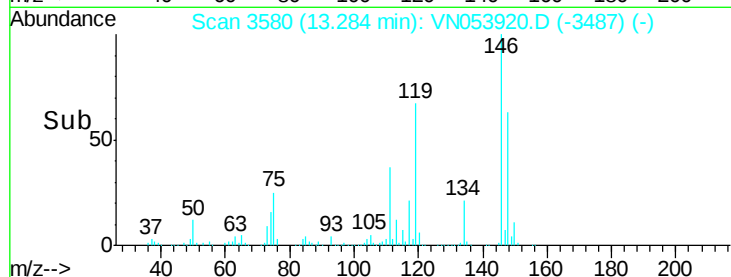
Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.7	56.1
148	63.9	32.0	96.2



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: 50.162 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. -0.00 min

Lab File: VN053920.D

Acq: 22 Feb 2019 17:05

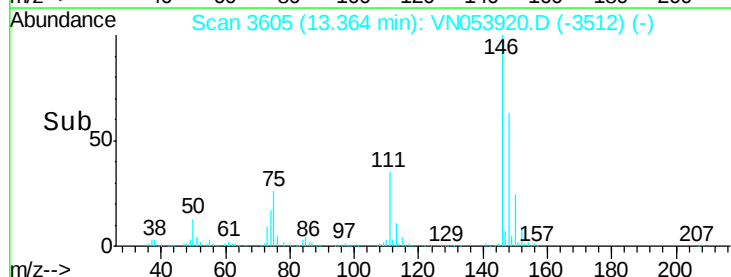
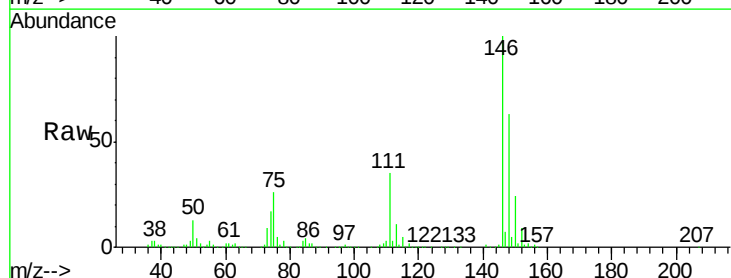
Tgt Ion:146 Resp: 682192

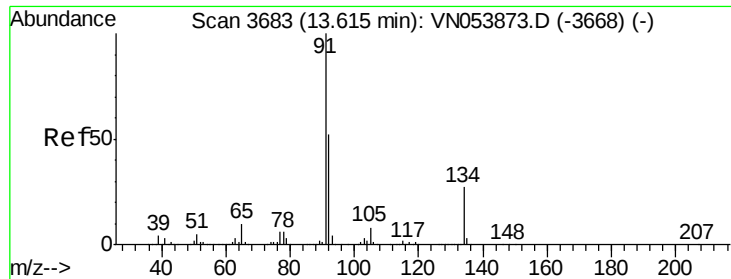
Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.0	54.0
148	63.5	32.1	96.5

Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

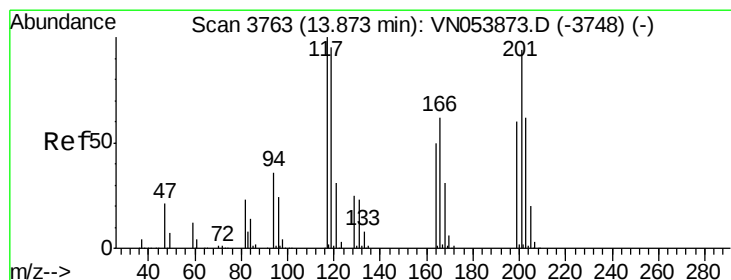
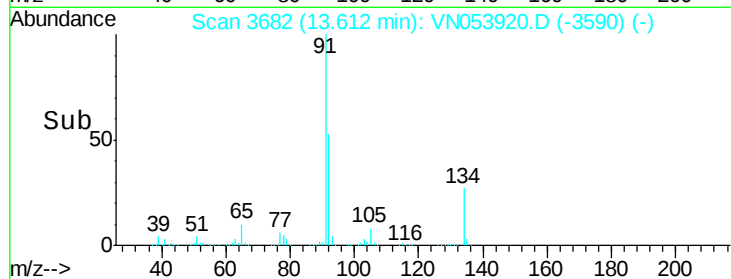
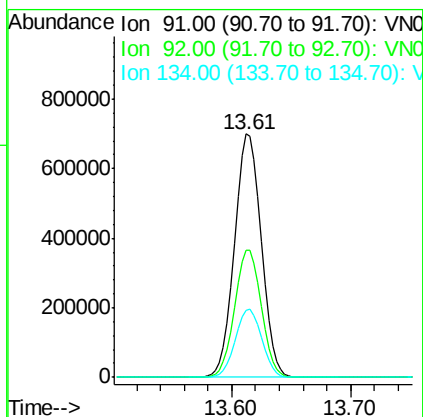
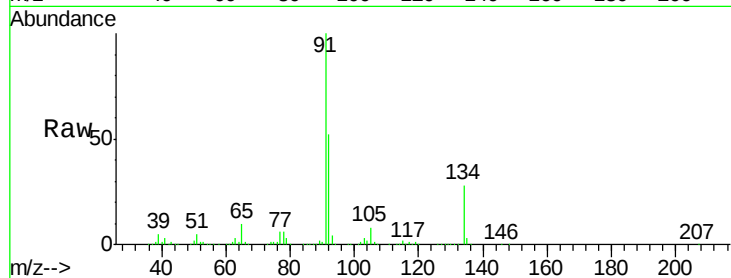
Ion 147.90 (147.60 to 148.60): V





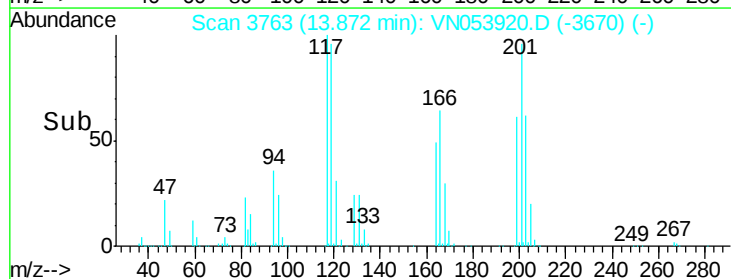
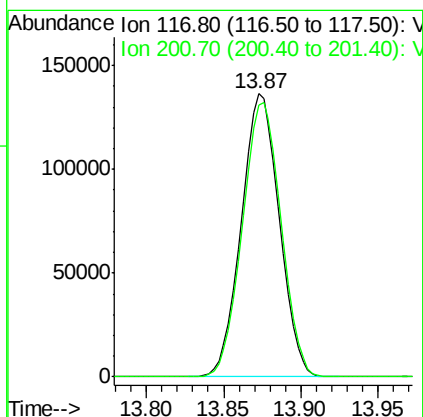
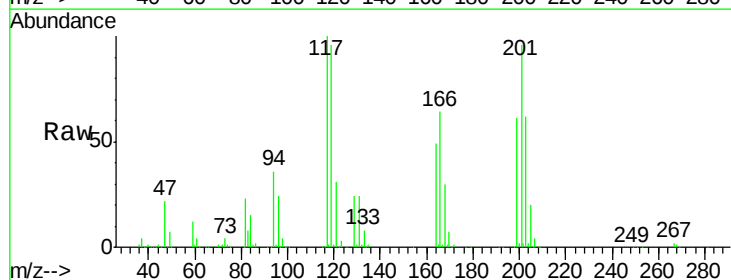
#89
n-Butylbenzene
Concen: 52.737 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN053920.D
Acq: 22 Feb 2019 17:05

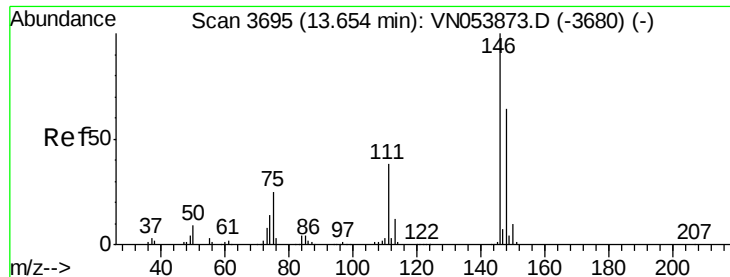
Tot Ion: 91 Resp: 1090610
Ion Ratio Lower Upper
91 100
92 52.2 26.1 78.2
134 27.7 13.6 40.8



#90
Hexachloroethane
Concen: 48.550 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN053920.D
Acq: 22 Feb 2019 17:05

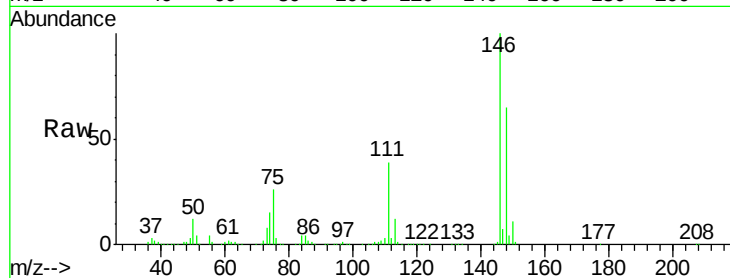
Tgt Ion: 117 Resp: 233248
Ion Ratio Lower Upper
117 100
201 98.8 48.0 144.2



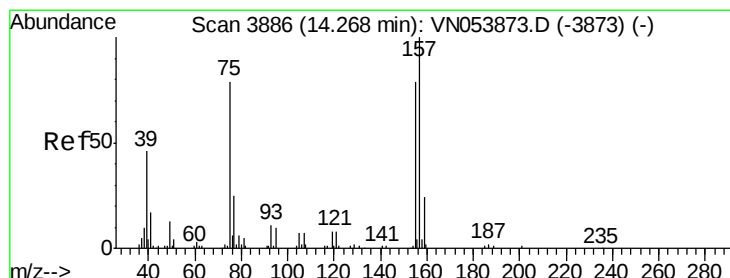
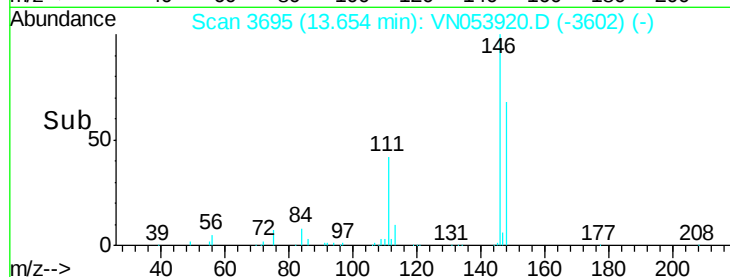
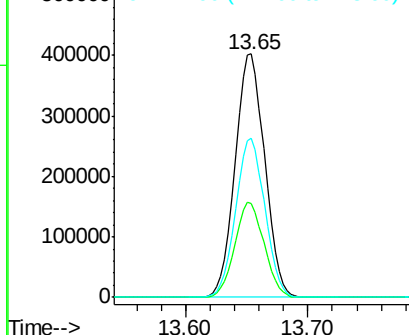


#91
 1,2-Dichlorobenzene
 Concen: 50.953 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN053920.D
 Acq: 22 Feb 2019 17:05

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.1	57.5
148	64.4	32.1	96.5

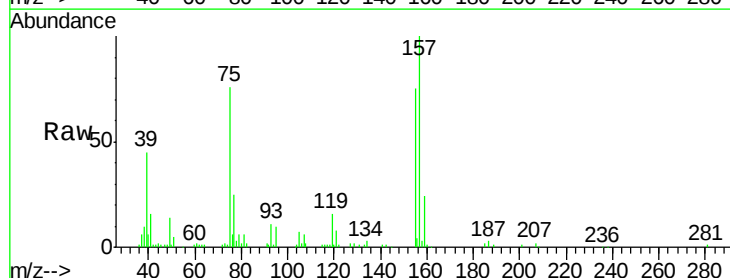


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

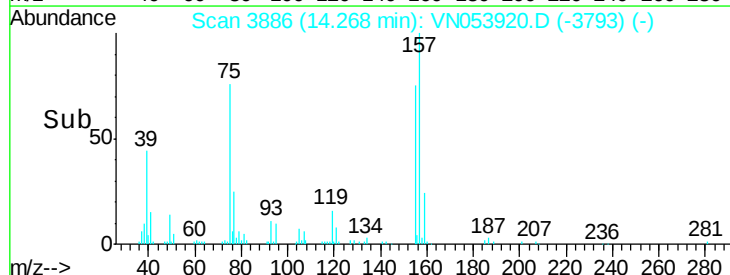
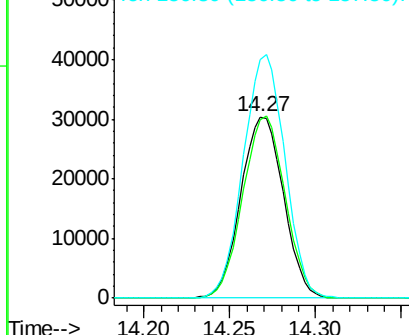


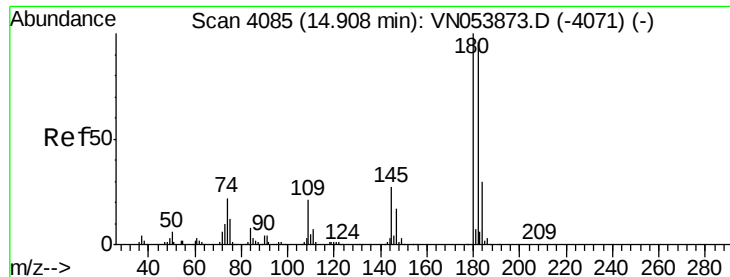
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.539 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN053920.D
 Acq: 22 Feb 2019 17:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.6	49.5	148.5
157	131.4	64.8	194.6



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

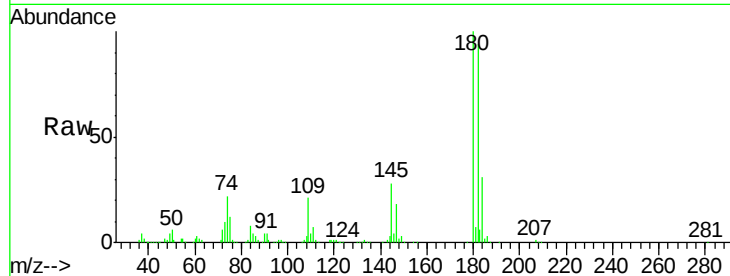




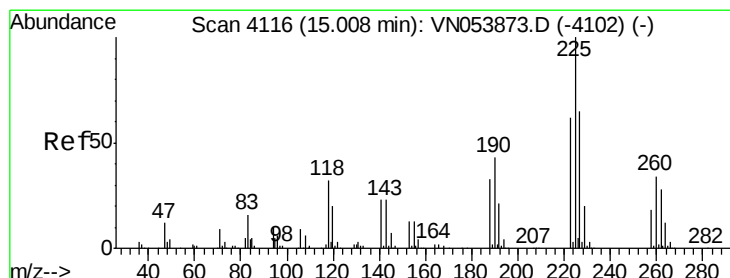
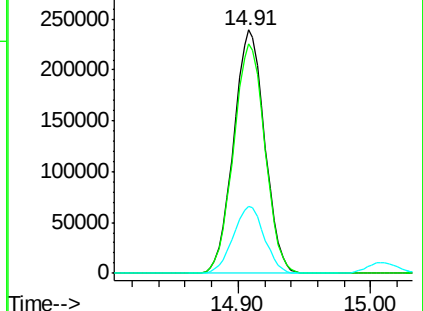
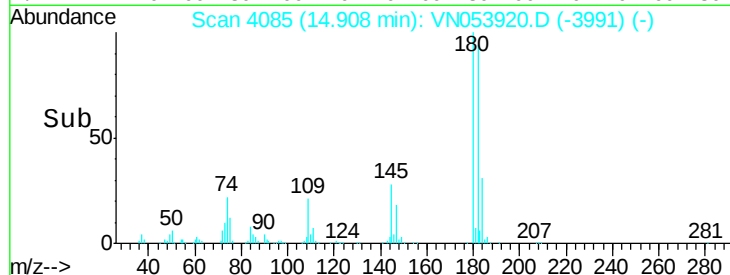
#93

1,2,4-Trichlorobenzene
Concen: 48.430 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN053920.D
Acq: 22 Feb 2019 17:05

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.6	145.9
145	27.7	13.8	41.3



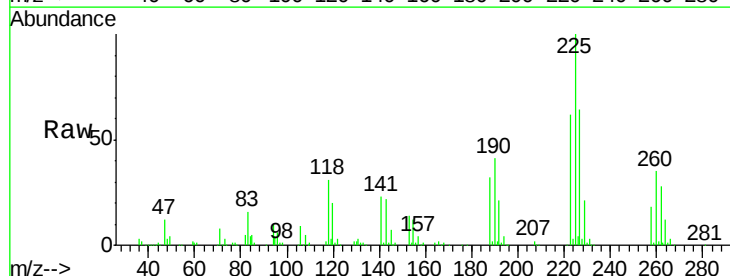
Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



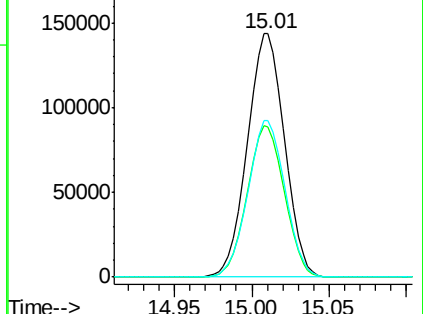
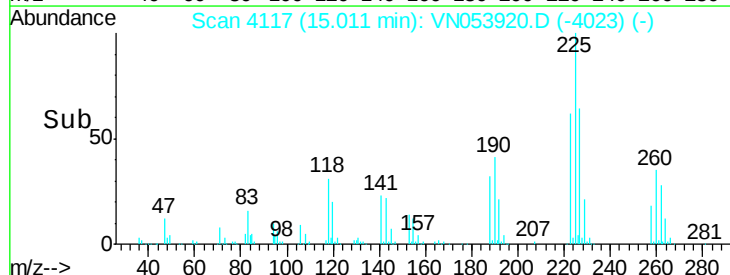
#94

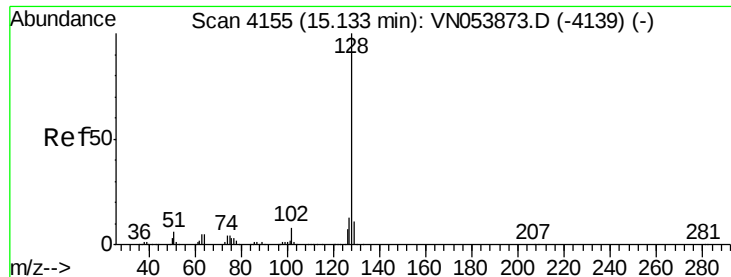
Hexachlorobutadiene
Concen: 43.477 ug/l
RT: 15.01 min Scan# 4117
Delta R.T. 0.00 min
Lab File: VN053920.D
Acq: 22 Feb 2019 17:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	30.9	92.5
227	64.2	32.5	97.4



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: 56.540 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053920.D

Acq: 22 Feb 2019 17:05

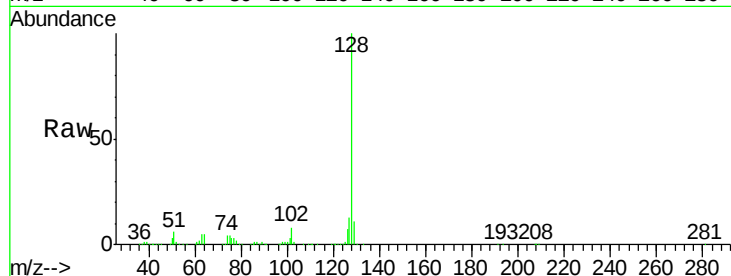
Tot Ion:128 Resp: 930292

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

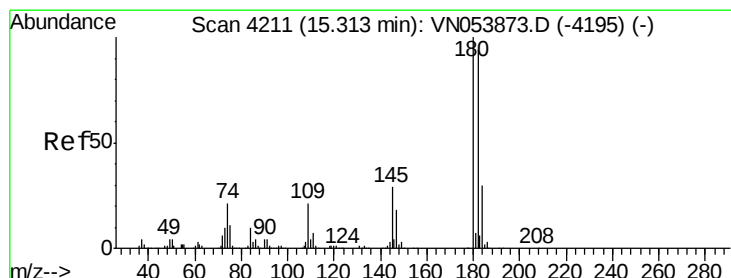
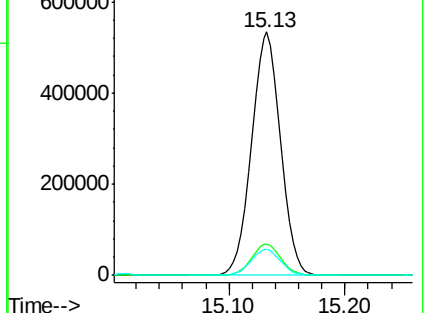
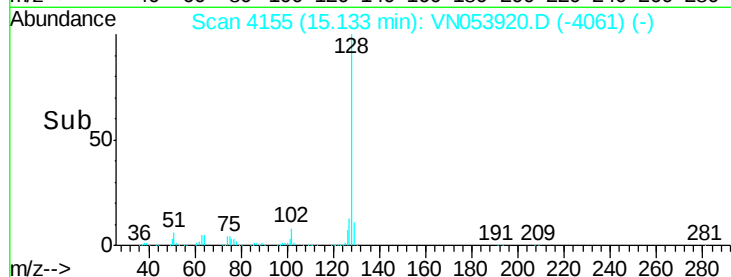
129 10.9 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.979 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN053920.D

Acq: 22 Feb 2019 17:05

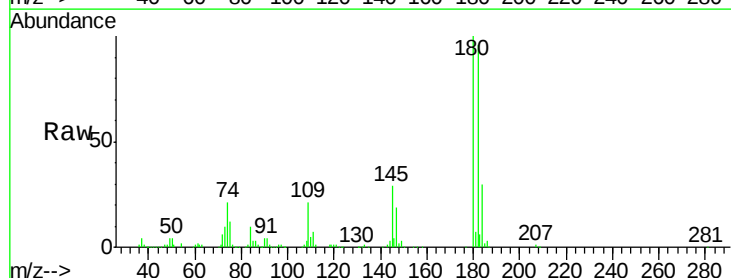
Tgt Ion:180 Resp: 372888

Ion Ratio Lower Upper

180 100

182 95.5 47.3 141.8

145 29.1 14.4 43.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

