

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022219\
 Data File : VN053909.D
 Acq On : 22 Feb 2019 12:12
 Operator : JC/SP
 Sample : VN0222WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 22 22:12:45 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	613668	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	968793	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	813239	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	368204	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	315917	50.37	ug/l	0.00
Spiked Amount			Recovery	=	100.74%	
35) Dibromofluoromethane	7.59	113	306440	48.20	ug/l	0.00
Spiked Amount			Recovery	=	96.40%	
50) Toluene-d8	10.09	98	1146256	49.92	ug/l	0.00
Spiked Amount			Recovery	=	99.84%	
62) 4-Bromofluorobenzene	12.40	95	360221	47.51	ug/l	0.00
Spiked Amount			Recovery	=	95.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	103514	19.415	ug/l	98
3) Chloromethane	2.06	50	136114	20.535	ug/l	99
4) Vinyl Chloride	2.19	62	139578	19.617	ug/l	99
5) Bromomethane	2.57	94	105848	20.314	ug/l	99
6) Chloroethane	2.71	64	89804	19.529	ug/l	97
7) Trichlorofluoromethane	3.02	101	188920	18.698	ug/l	99
8) Diethyl Ether	3.41	74	67301	18.949	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	114378	18.784	ug/l	99
10) Methyl Iodide	3.96	142	167819	18.585	ug/l	100
11) Tert butyl alcohol	4.77	59	37357	95.417	ug/l	97
12) 1,1-Dichloroethene	3.74	96	107885	18.944	ug/l	98
13) Acrolein	3.61	56	34897	124.707	ug/l	99
14) Allyl chloride	4.33	41	166848	19.359	ug/l	100
15) Acrylonitrile	4.99	53	197688	100.231	ug/l	100
16) Acetone	3.82	43	150728	87.388	ug/l	99
17) Carbon Disulfide	4.06	76	323214	18.325	ug/l	99
18) Methyl Acetate	4.33	43	78103	19.186	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	289367	20.027	ug/l	99
20) Methylene Chloride	4.55	84	126421	19.578	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	116824	19.545	ug/l	99
22) Diisopropyl ether	5.95	45	329886	20.533	ug/l	96
23) Vinyl Acetate	5.90	43	1154271	99.935	ug/l	100
24) 1,1-Dichloroethane	5.85	63	214793	19.746	ug/l	99
25) 2-Butanone	6.84	43	209028	93.917	ug/l	100
26) 2,2-Dichloropropane	6.83	77	162329	19.666	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	134170	20.038	ug/l	99
28) Bromochloromethane	7.19	49	99403	20.938	ug/l	97
29) Tetrahydrofuran	7.21	42	142009	98.659	ug/l	100
30) Chloroform	7.37	83	213310	19.516	ug/l	99
31) Cyclohexane	7.66	56	195494	19.296	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	182385	19.503	ug/l	99
36) 1,1-Dichloropropene	7.79	75	162327	18.280	ug/l	98
37) Ethyl Acetate	6.93	43	94497	17.821	ug/l	99
38) Carbon Tetrachloride	7.77	117	167021	18.838	ug/l	99

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

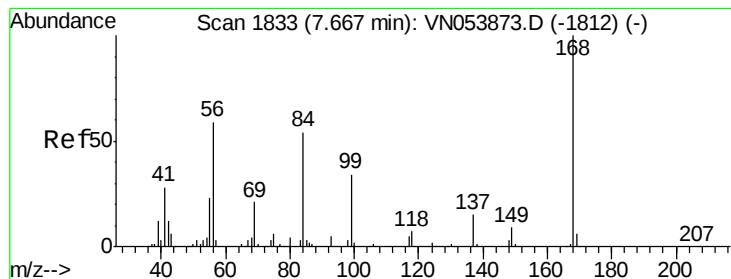
39) Methylcyclohexane	9.08	83	194718	19.029	ug/l	99
40) Benzene	8.04	78	499670	19.034	ug/l	98
41) Methacrylonitrile	7.18	41	47528	16.144	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	147951	18.905	ug/l	100
43) Isopropyl Acetate	8.17	43	169985	17.946	ug/l #	87
44) Trichloroethene	8.84	130	142399	19.377	ug/l	97
45) 1,2-Dichloropropane	9.12	63	134122	20.012	ug/l	99
46) Dibromomethane	9.21	93	81625	20.226	ug/l	99
47) Bromodichloromethane	9.40	83	175073	20.565	ug/l	99
48) Methyl methacrylate	9.20	41	77834	19.166	ug/l	88
49) 1,4-Dioxane	9.20	88	25007	393.974	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	441028	94.780	ug/l	99
52) Toluene	10.16	92	309005	19.863	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	160175	19.376	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	194474	19.959	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	111667	19.635	ug/l	97
56) Ethyl methacrylate	10.43	69	121688	18.282	ug/l	99
57) 1,3-Dichloropropane	10.71	76	184566	19.275	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	269044	90.619	ug/l	99
59) 2-Hexanone	10.75	43	269436	90.666	ug/l	99
60) Dibromochloromethane	10.90	129	126250	19.019	ug/l	97
61) 1,2-Dibromoethane	11.01	107	105284	18.634	ug/l	99
64) Tetrachloroethene	10.63	164	139774	19.221	ug/l	98
65) Chlorobenzene	11.43	112	327895	19.263	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	123491	19.880	ug/l	100
67) Ethyl Benzene	11.51	91	543716	19.737	ug/l	100
68) m/p-Xylenes	11.62	106	425384	39.880	ug/l	100
69) o-Xylene	11.95	106	207575	20.214	ug/l	99
70) Styrene	11.96	104	320933	19.916	ug/l	99
71) Bromoform	12.13	173	86707	19.669	ug/l #	99
73) Isopropylbenzene	12.25	105	543016	20.934	ug/l	100
74) N-amyl acetate	12.07	43	115557	19.399	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	125853	20.522	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	151917	28.105	ug/l #	100
77) Bromobenzene	12.53	156	141349	20.313	ug/l	98
78) n-propylbenzene	12.59	91	609170	21.001	ug/l	100
79) 2-Chlorotoluene	12.67	91	365851	20.918	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	463321	21.519	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	31568	19.280	ug/l	97
82) 4-Chlorotoluene	12.77	91	355218	20.386	ug/l	100
83) tert-Butylbenzene	12.99	119	413463	21.386	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	458096	21.213	ug/l	99
85) sec-Butylbenzene	13.17	105	543121	20.864	ug/l	100
86) p-Isopropyltoluene	13.29	119	469192	20.768	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	241558	19.894	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	234351	19.182	ug/l	98
89) n-Butylbenzene	13.62	91	363485	19.565	ug/l	100
90) Hexachloroethane	13.87	117	83617	19.374	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	239139	20.074	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	17655	19.729	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	114900	17.916	ug/l	99
94) Hexachlorobutadiene	15.01	225	91066	18.330	ug/l	99
95) Naphthalene	15.13	128	209278	17.616	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	113638	18.309	ug/l	98

(#) = 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: VN053909.D

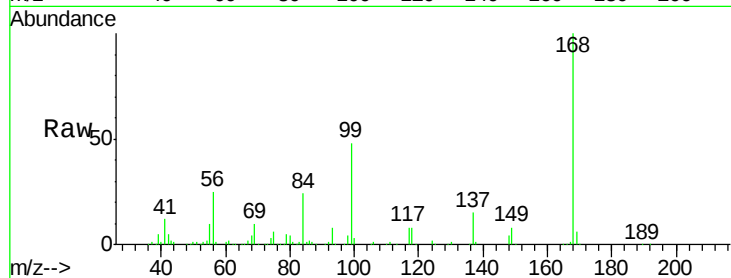
Acq: 22 Feb 2019 12:12

Tot Ion:168 Resp: 613668

Ion Ratio Lower Upper

168 100

99 47.3 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

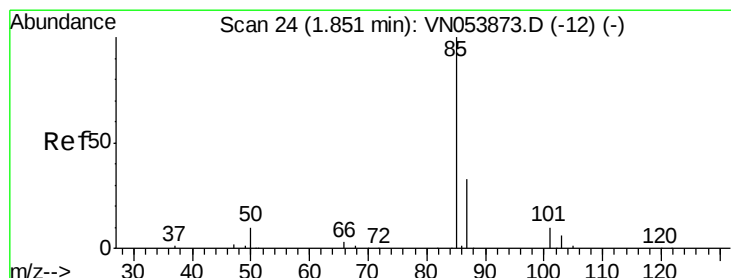
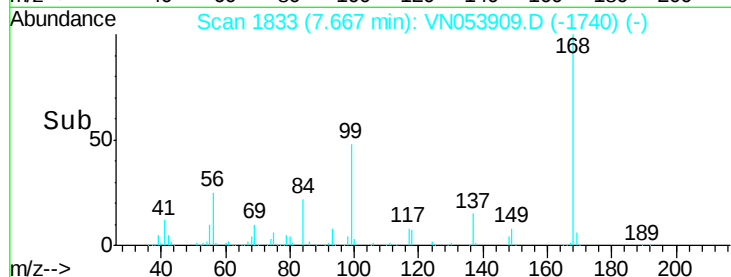
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.415 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN053909.D

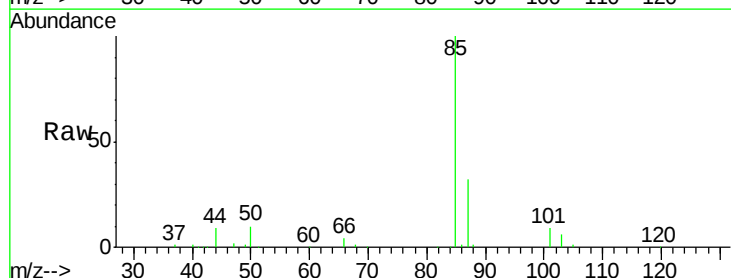
Acq: 22 Feb 2019 12:12

Tgt Ion: 85 Resp: 103514

Ion Ratio Lower Upper

85 100

87 31.6 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

80000

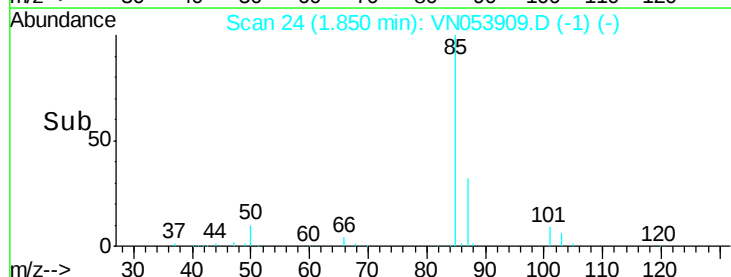
60000

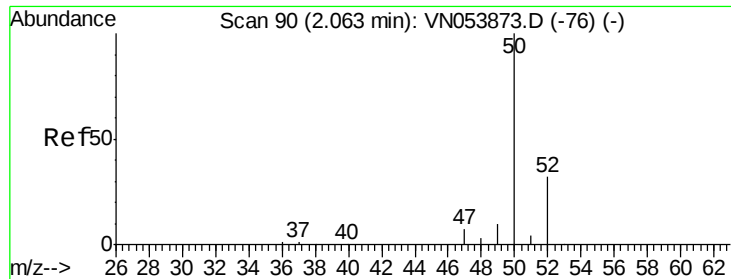
40000

20000

0

Time-->





#3

Chloromethane

Concen: 20.535 ug/l

RT: 2.06 min Scan# 90

Delta R.T. -0.00 min

Lab File: VN053909.D

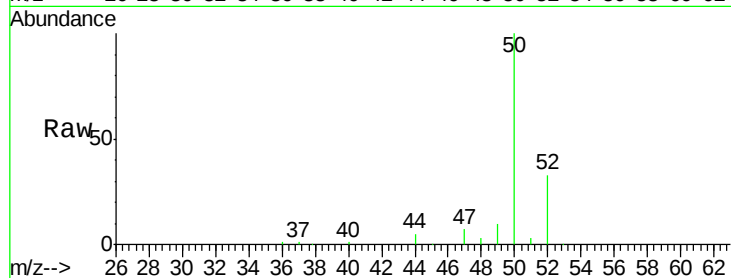
Acq: 22 Feb 2019 12:12

Tot Ion: 50 Resp: 136114

Ion Ratio Lower Upper

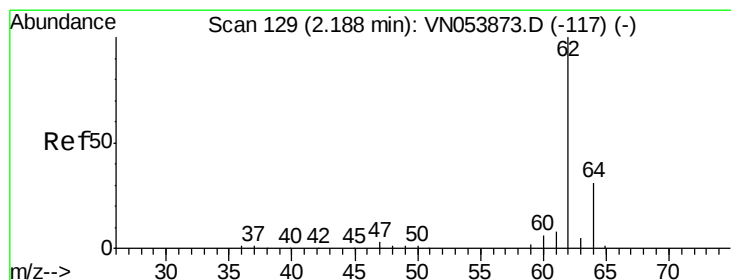
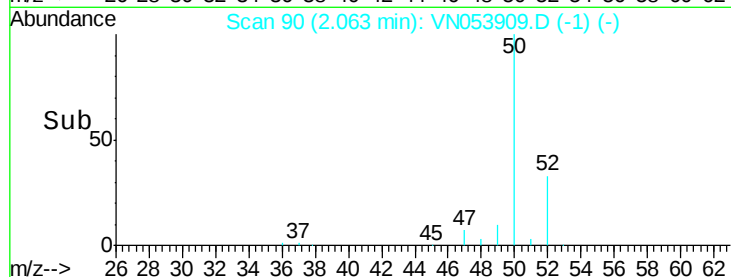
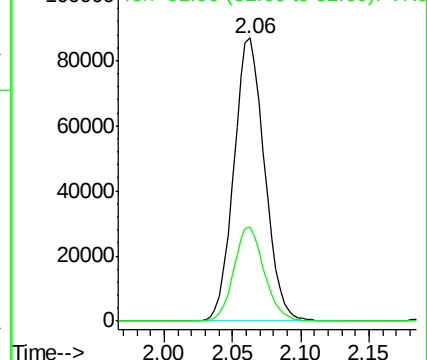
50 100

52 33.2 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 19.617 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN053909.D

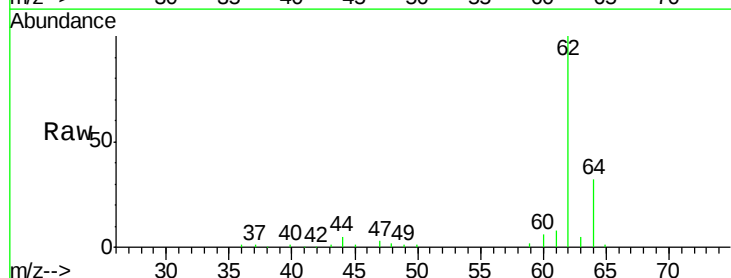
Acq: 22 Feb 2019 12:12

Tgt Ion: 62 Resp: 139578

Ion Ratio Lower Upper

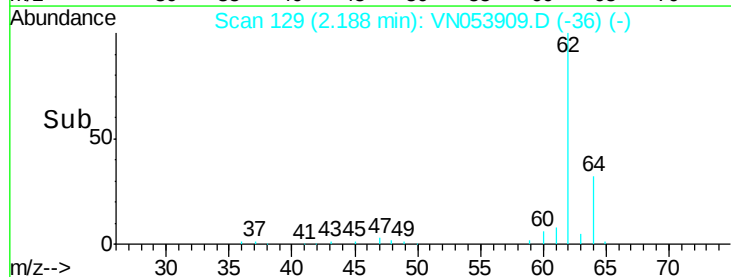
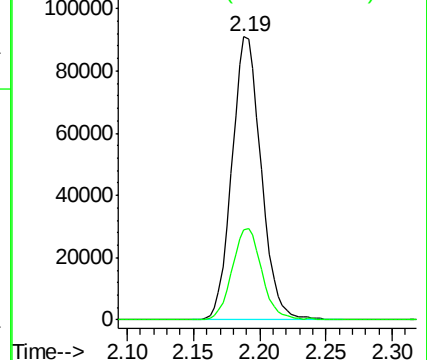
62 100

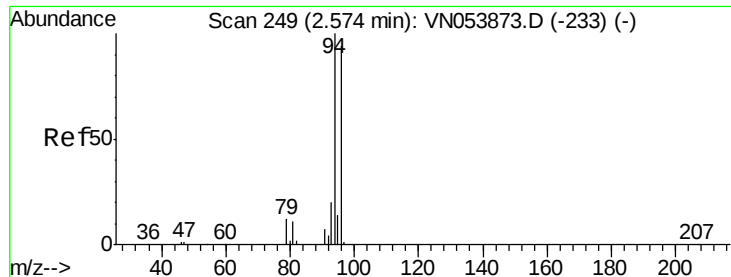
64 31.7 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 20.314 ug/l

RT: 2.57 min Scan# 249

Delta R.T. -0.00 min

Lab File: VN053909.D

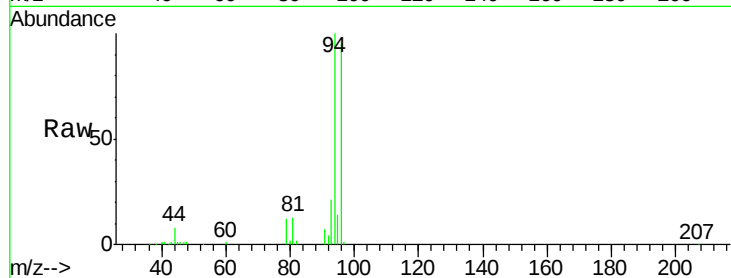
Acq: 22 Feb 2019 12:12

Tot Ion: 94 Resp: 105848

Ion Ratio Lower Upper

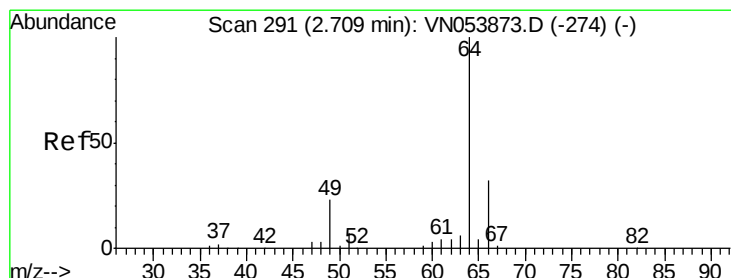
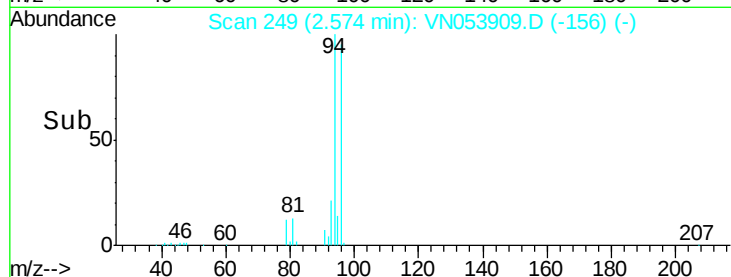
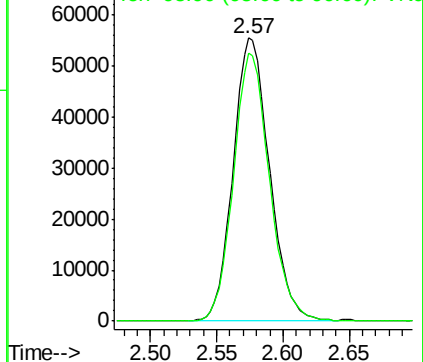
94 100

96 94.8 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.529 ug/l

RT: 2.71 min Scan# 291

Delta R.T. -0.00 min

Lab File: VN053909.D

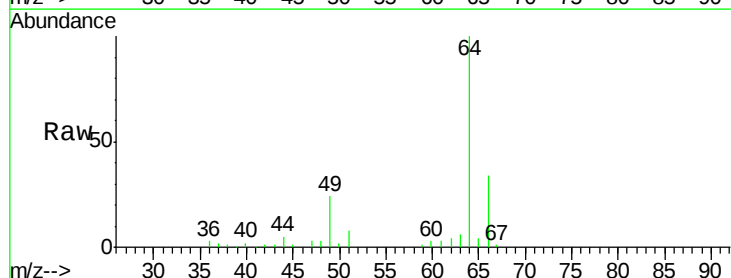
Acq: 22 Feb 2019 12:12

Tgt Ion: 64 Resp: 89804

Ion Ratio Lower Upper

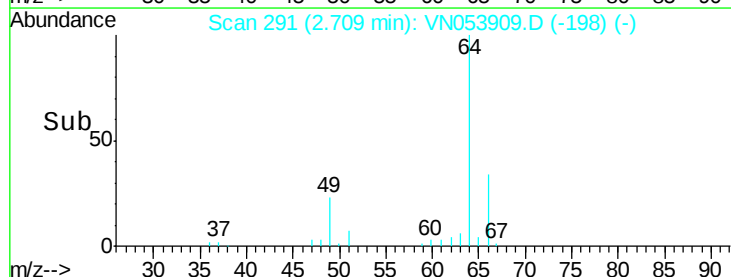
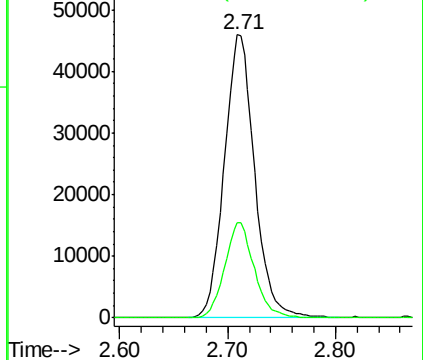
64 100

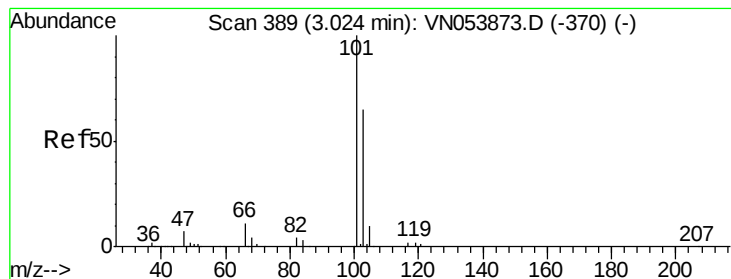
66 33.7 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

Trichlorofluoromethane

Concen: 18.698 ug/l

RT: 3.02 min Scan# 389

Delta R.T. -0.00 min

Lab File: VN053909.D

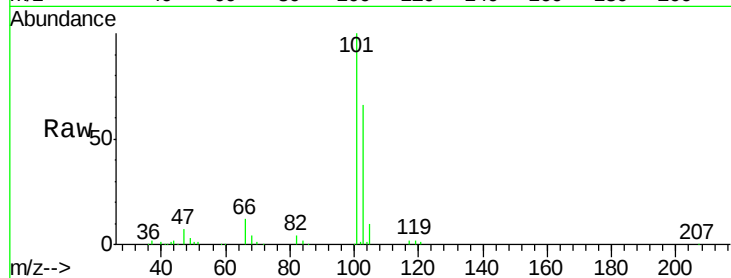
Acq: 22 Feb 2019 12:12

Tot Ion:101 Resp: 188920

Ion Ratio Lower Upper

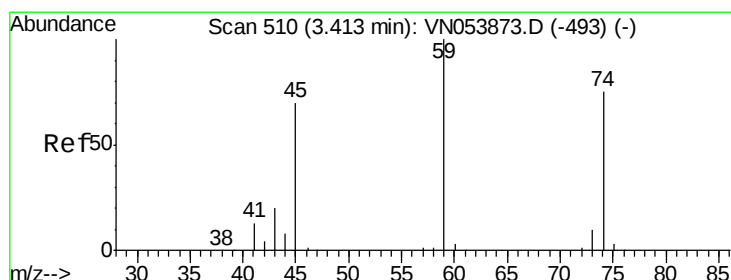
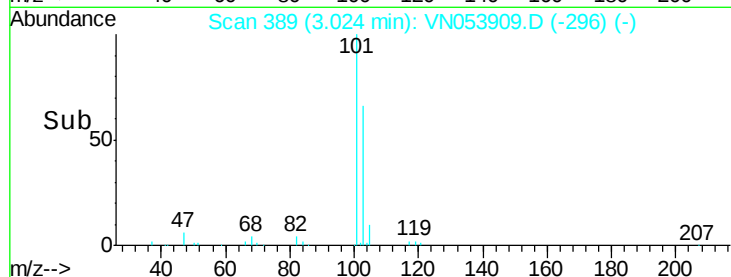
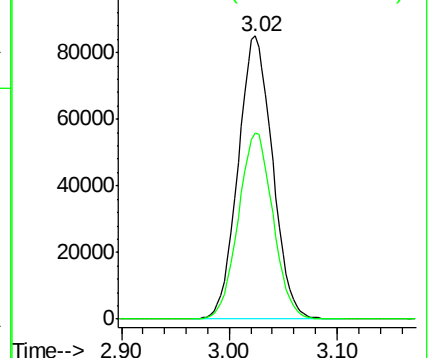
101 100

103 65.9 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: 18.949 ug/l

RT: 3.41 min Scan# 510

Delta R.T. -0.00 min

Lab File: VN053909.D

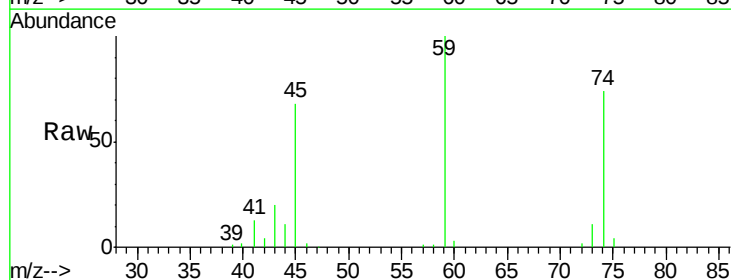
Acq: 22 Feb 2019 12:12

Tgt Ion: 74 Resp: 67301

Ion Ratio Lower Upper

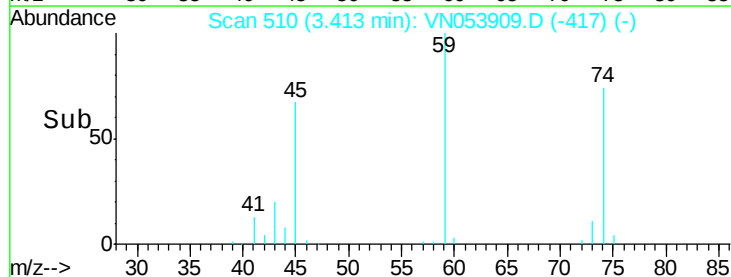
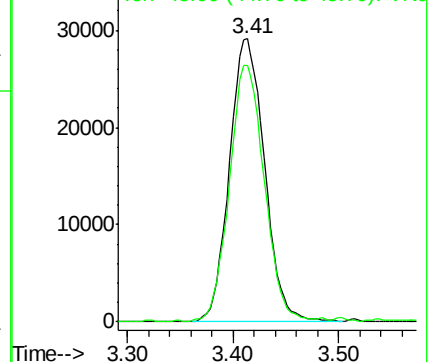
74 100

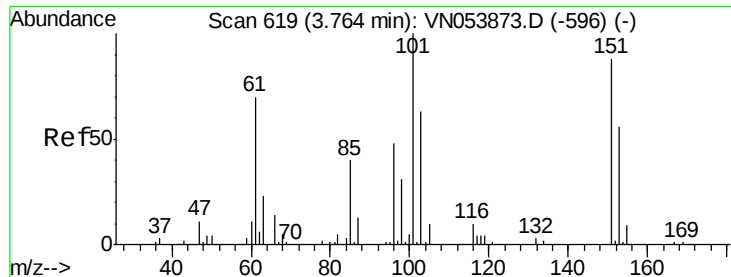
45 90.3 46.9 140.6



Abundance Ion 74.00 (73.70 to 74.70): V

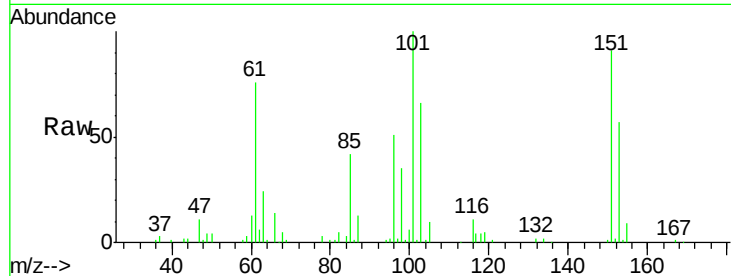
Ion 45.00 (44.70 to 45.70): V



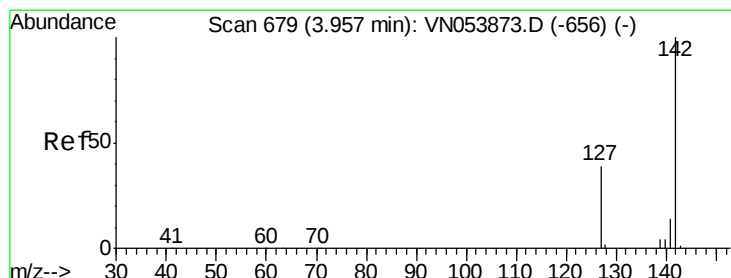
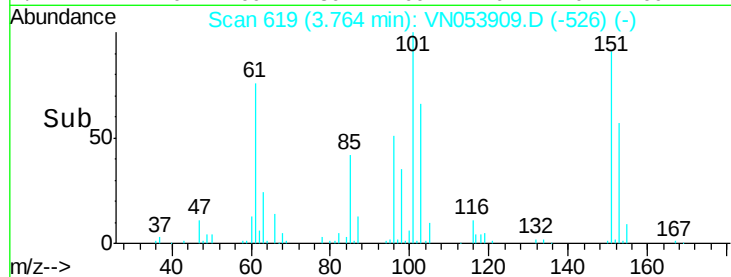
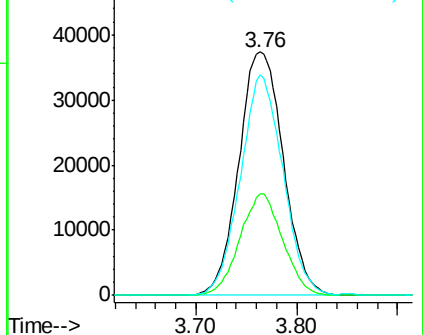


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.784 ug/l
 RT: 3.76 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: VN053909.D
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Tot Ion	Ratio	Lower	Upper
101	100		
85	40.1	32.5	48.7
151	86.7	70.2	105.2

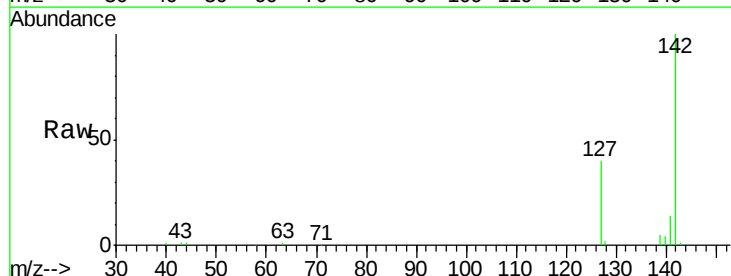


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

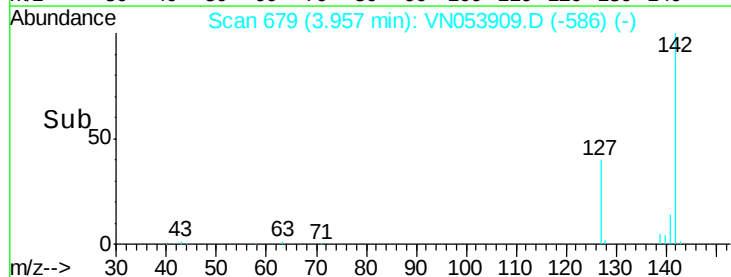
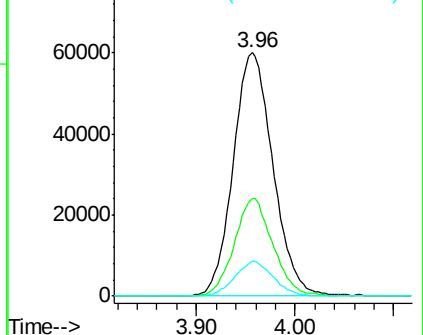


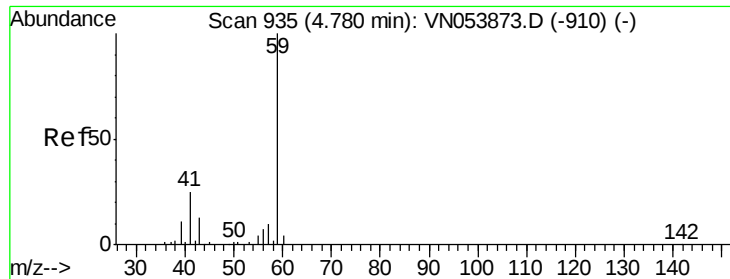
#10
 Methyl Iodide
 Concen: 18.585 ug/l
 RT: 3.96 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: VN053909.D
 Acq: 22 Feb 2019 12:12

Tgt Ion	Ratio	Lower	Upper
142	100		
127	38.9	31.0	46.4
141	13.8	11.3	16.9



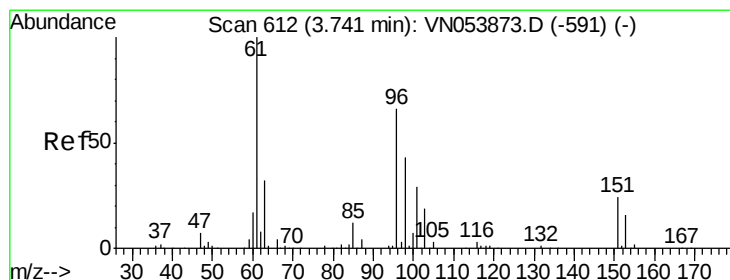
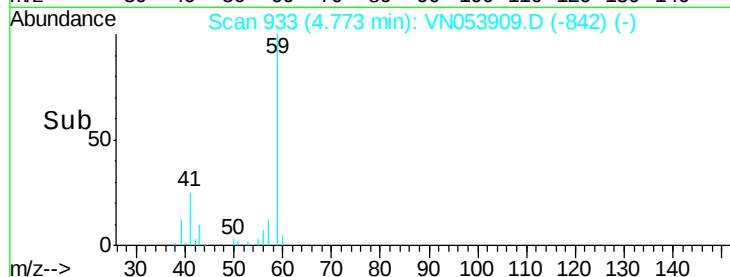
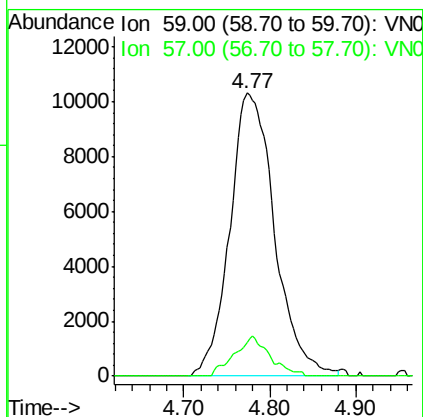
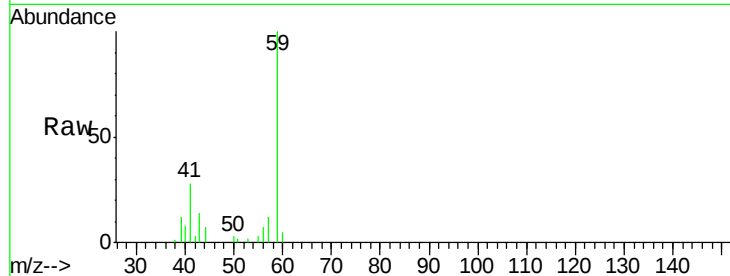
Abundance Ion 141.80 (141.50 to 142.50): V
 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V





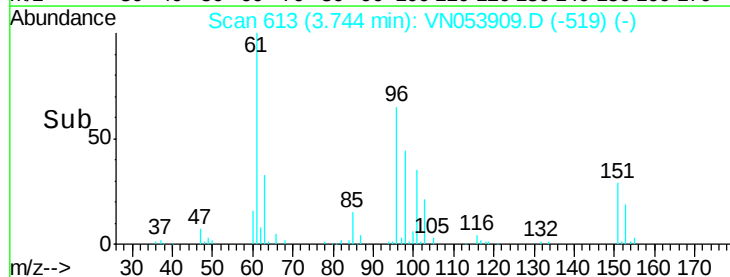
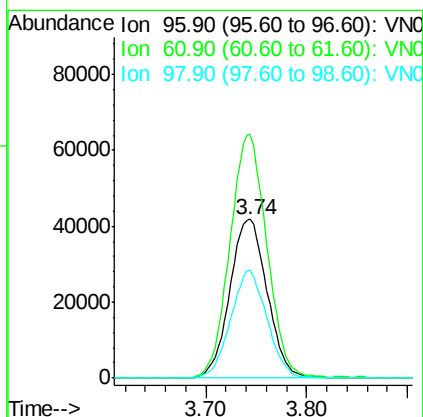
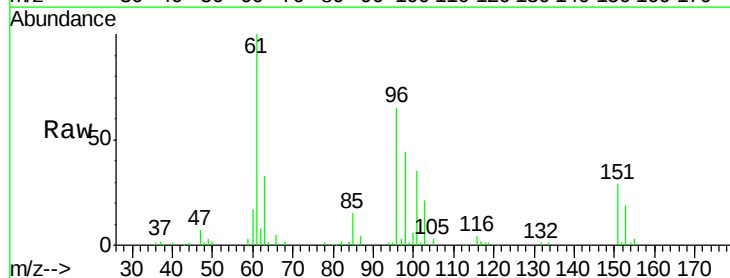
#11
Tert butyl alcohol
Concen: 95.417 ug/l
RT: 4.77 min Scan# 933
Delta R.T. -0.01 min
Lab File: VN053909.D
Acq: 22 Feb 2019 12:12

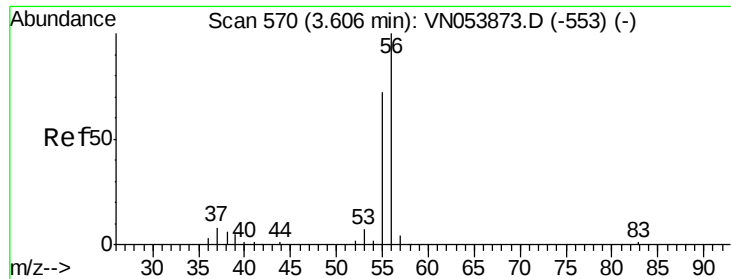
Tot Ion: 59 Resp: 37357
Ion Ratio Lower Upper
59 100
57 11.2 8.1 12.1



#12
1,1-Dichloroethene
Concen: 18.944 ug/l
RT: 3.74 min Scan# 613
Delta R.T. 0.00 min
Lab File: VN053909.D
Acq: 22 Feb 2019 12:12

Tgt Ion: 96 Resp: 107885
Ion Ratio Lower Upper
96 100
61 153.2 121.0 181.4
98 67.6 52.2 78.2





#13

Acrolein

Concen: 124.707 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN053909.D

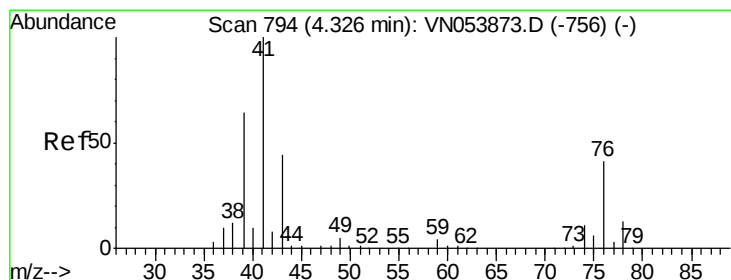
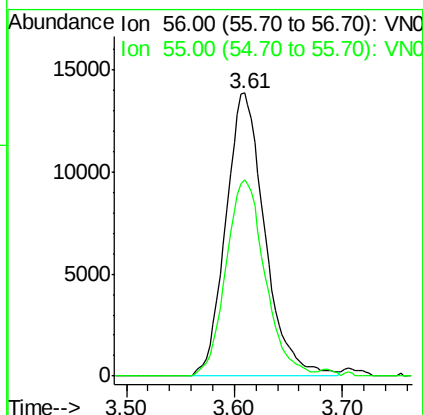
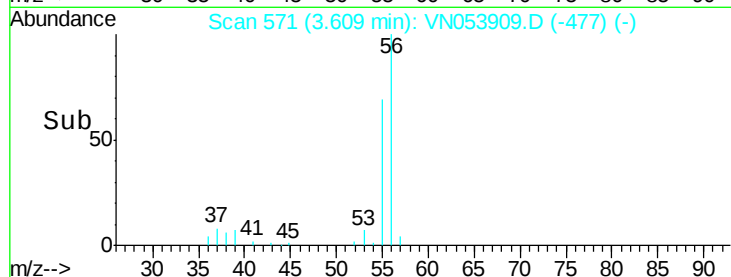
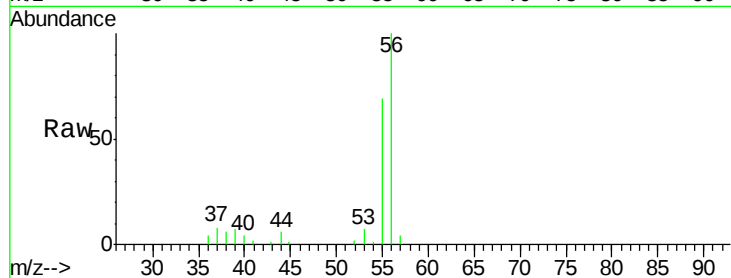
Acq: 22 Feb 2019 12:12

Tot Ion: 56 Resp: 34897

Ion Ratio Lower Upper

56 100

55 69.4 56.3 84.5



#14

Allyl chloride

Concen: 19.359 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN053909.D

Acq: 22 Feb 2019 12:12

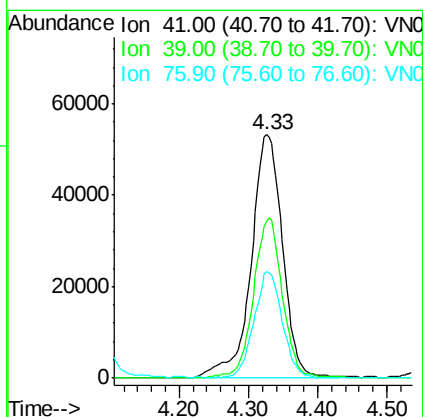
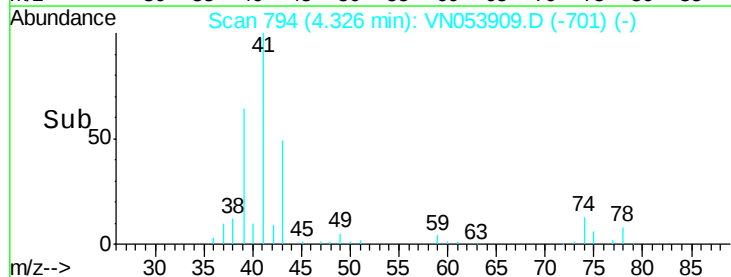
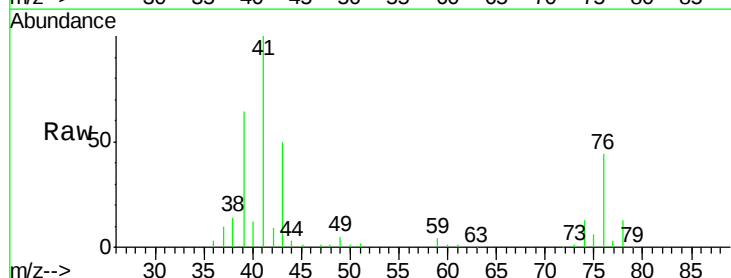
Tgt Ion: 41 Resp: 166848

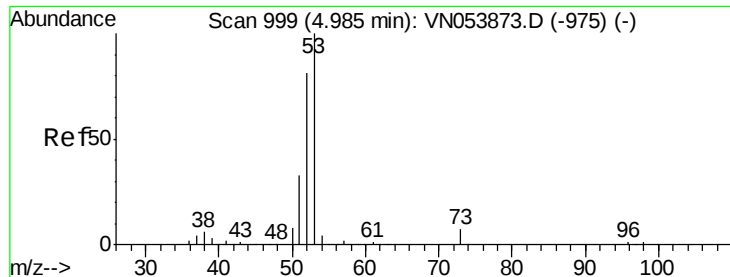
Ion Ratio Lower Upper

41 100

39 60.6 48.8 73.2

76 38.7 30.9 46.3





#15

Acrylonitrile

Concen: 100.231 ug/l

RT: 4.99 min Scan# 1000

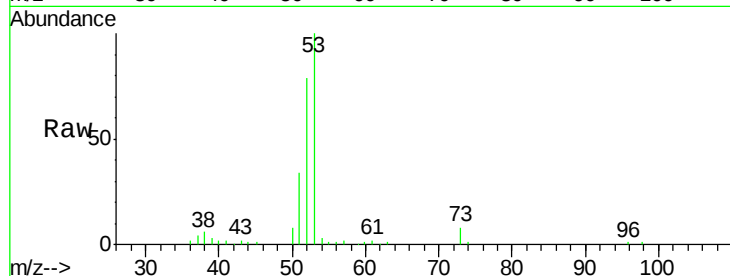
Delta R.T. 0.00 min

Lab File: VN053909.D

Acq: 22 Feb 2019 12:12

Tot Ion: 53 Resp: 197688

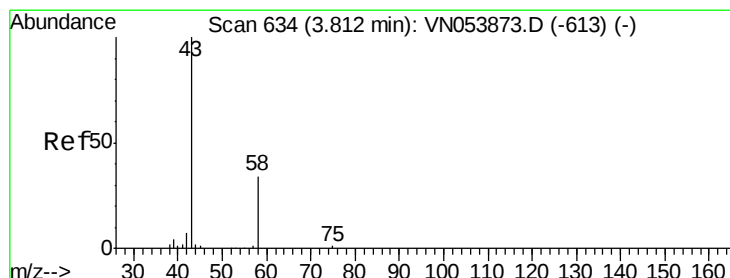
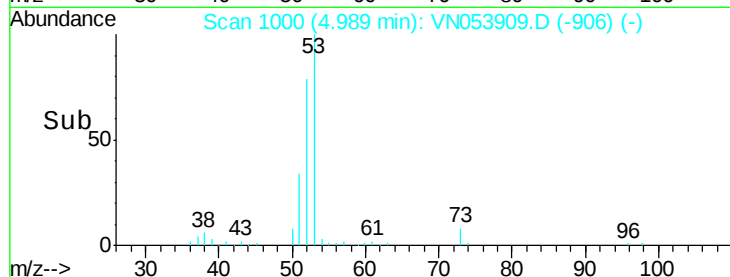
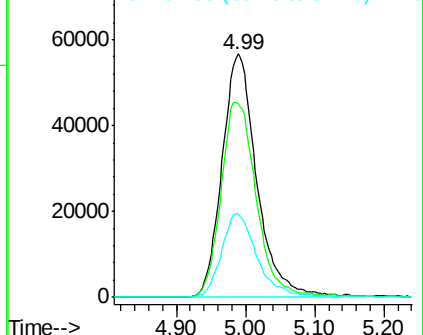
Ion	Ratio	Lower	Upper
53	100		
52	81.4	65.1	97.7
51	35.5	28.2	42.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 87.388 ug/l

RT: 3.82 min Scan# 635

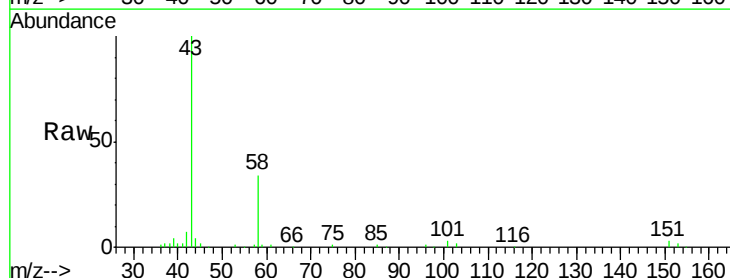
Delta R.T. 0.00 min

Lab File: VN053909.D

Acq: 22 Feb 2019 12:12

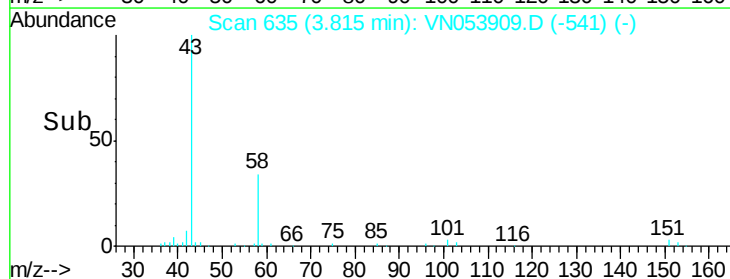
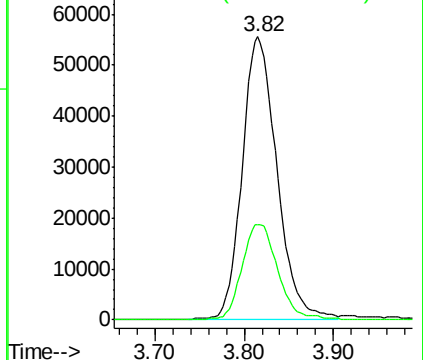
Tgt Ion: 43 Resp: 150728

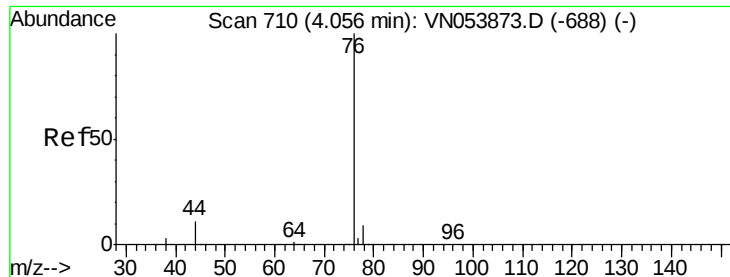
Ion	Ratio	Lower	Upper
43	100		
58	33.8	27.6	41.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 18.325 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.00 min

Lab File: VN053909.D

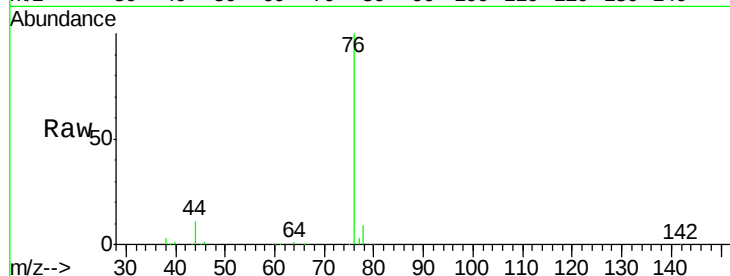
Acq: 22 Feb 2019 12:12

Tot Ion: 76 Resp: 323214

Ion Ratio Lower Upper

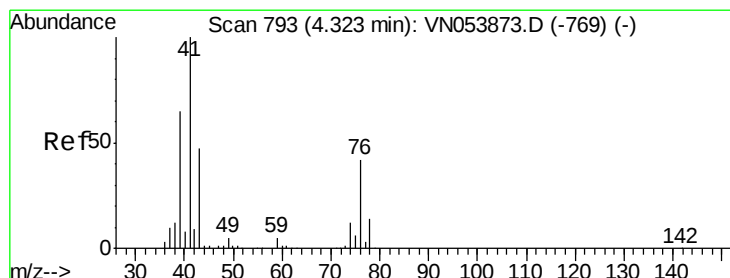
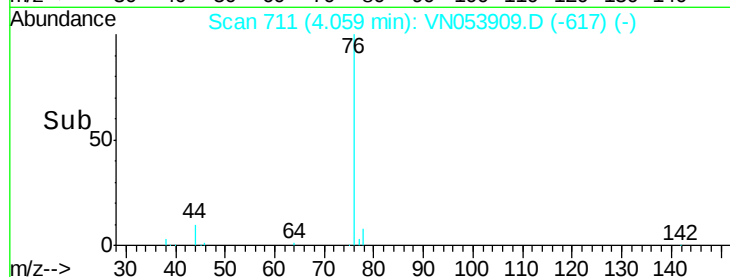
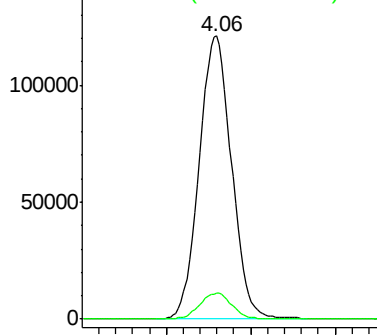
76 100

78 9.1 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 19.186 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN053909.D

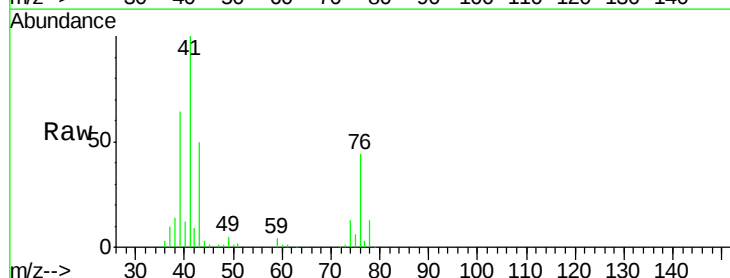
Acq: 22 Feb 2019 12:12

Tgt Ion: 43 Resp: 78103

Ion Ratio Lower Upper

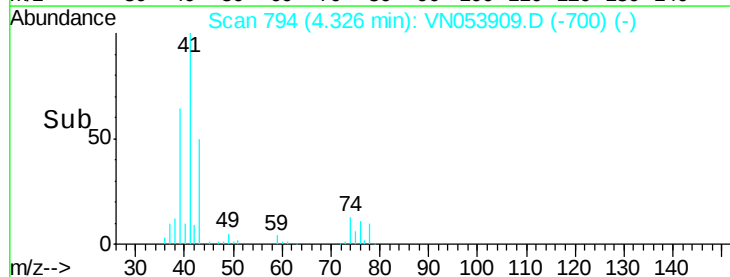
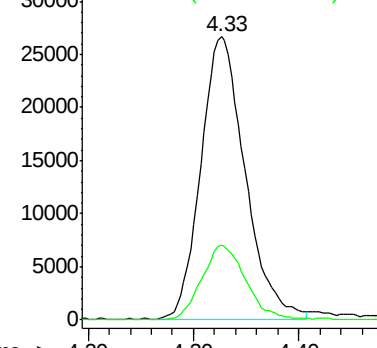
43 100

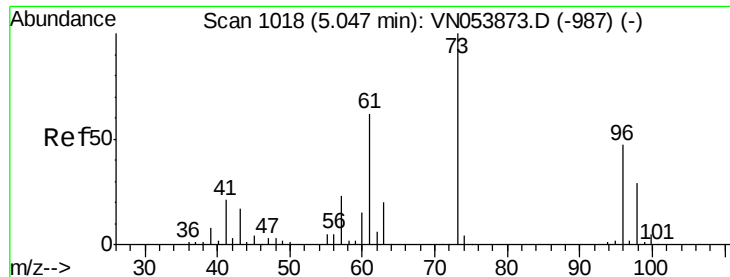
74 26.1 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

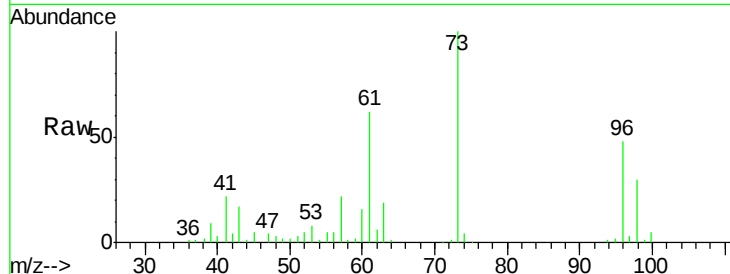




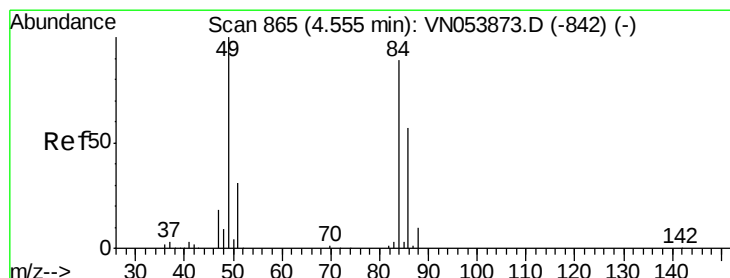
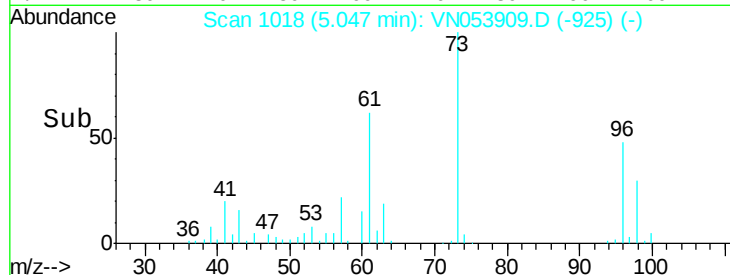
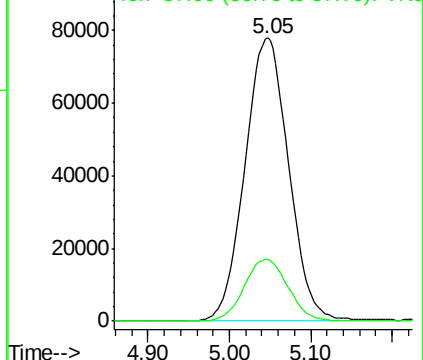
#19

Methyl tert-butyl Ether
 Concen: 20.027 ug/l
 RT: 5.05 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: VN053909.D
 Acq: 22 Feb 2019 12:12

Tot Ion: 73 Resp: 289367
 Ion Ratio Lower Upper
 73 100
 57 22.1 18.0 27.0



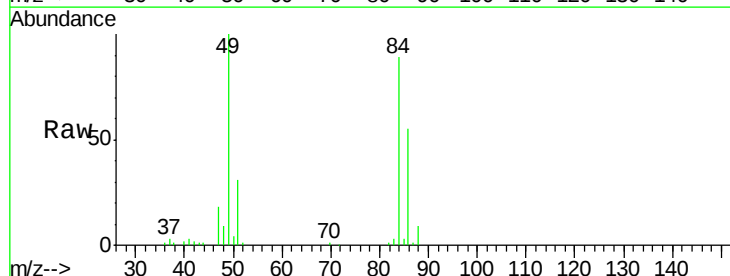
Abundance Ion 73.00 (72.70 to 73.70): VN0
 Ion 57.00 (56.70 to 57.70): VN0



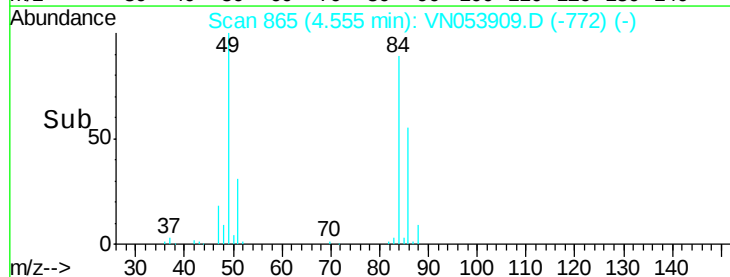
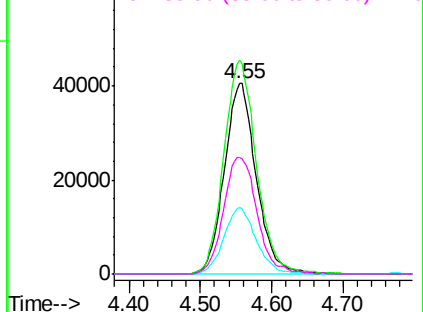
#20

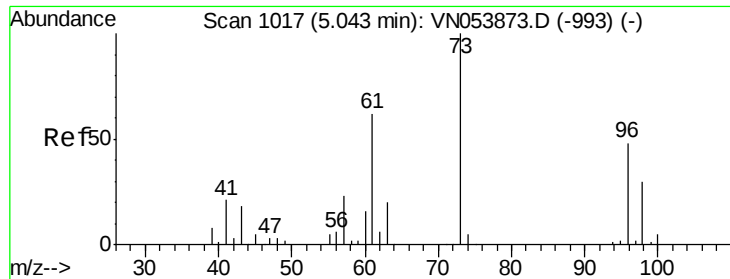
Methylene Chloride
 Concen: 19.578 ug/l
 RT: 4.55 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: VN053909.D
 Acq: 22 Feb 2019 12:12

Tgt Ion: 84 Resp: 126421
 Ion Ratio Lower Upper
 84 100
 49 112.0 89.7 134.5
 51 34.9 27.8 41.8
 86 61.1 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

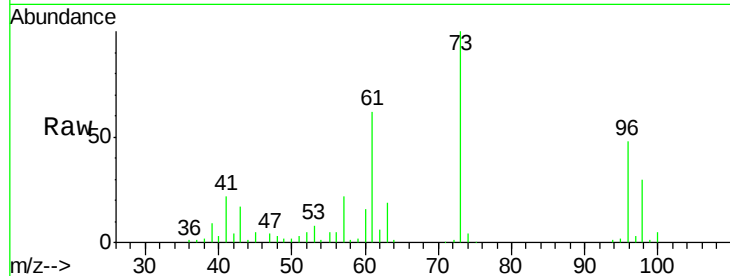




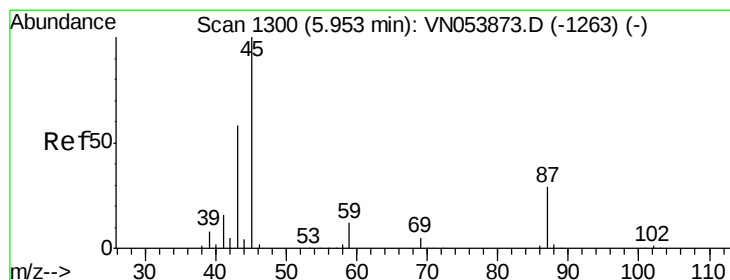
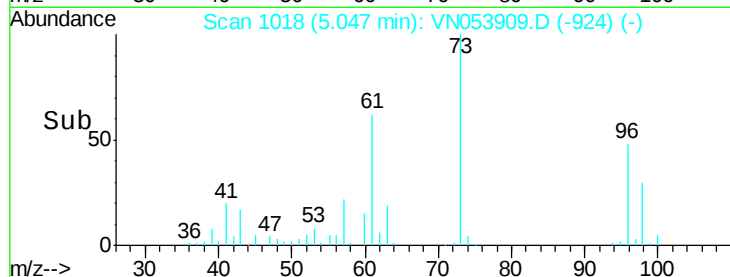
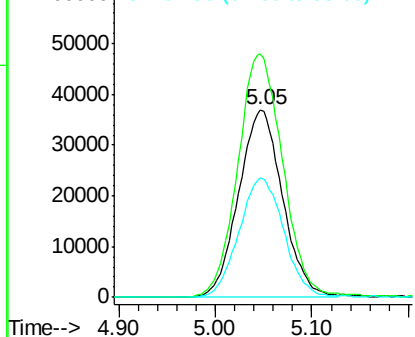
#21

trans-1,2-Dichloroethene
Concen: 19.545 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN053909.D
Acq: 22 Feb 2019 12:12

Tot Ion: 96 Resp: 116824
Ion Ratio Lower Upper
96 100
61 129.6 104.5 156.7
98 63.7 50.6 76.0



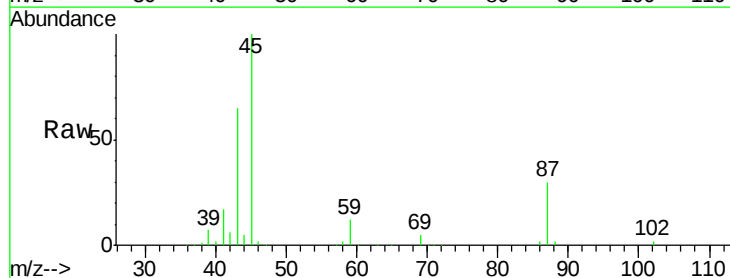
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



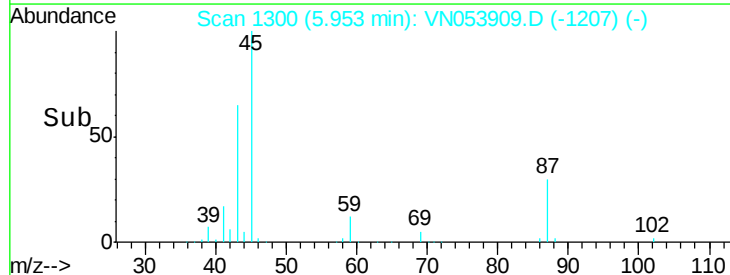
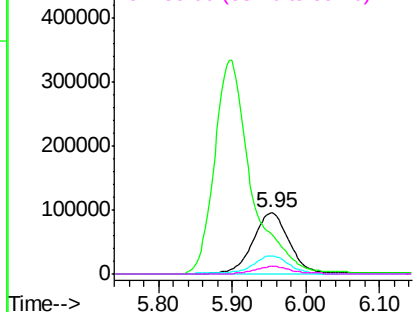
#22

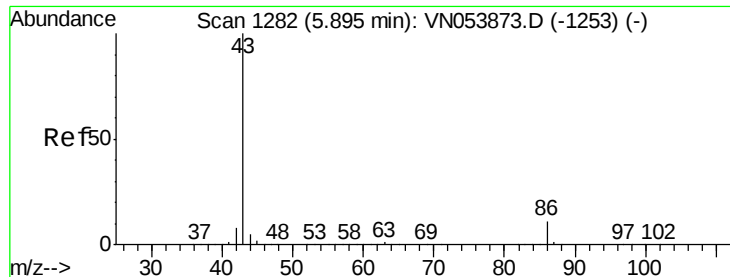
Diisopropyl ether
Concen: 20.533 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. -0.00 min
Lab File: VN053909.D
Acq: 22 Feb 2019 12:12

Tgt Ion: 45 Resp: 329886
Ion Ratio Lower Upper
45 100
43 61.9 46.2 69.4
87 29.6 23.4 35.0
59 11.6 9.4 14.0



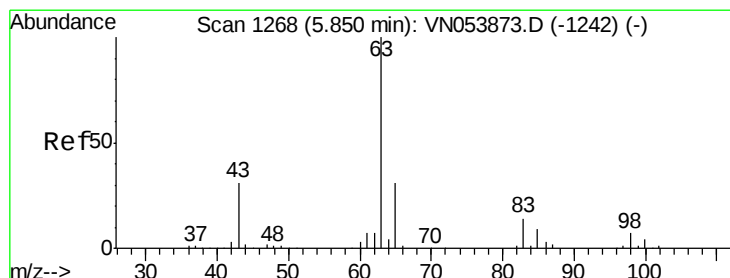
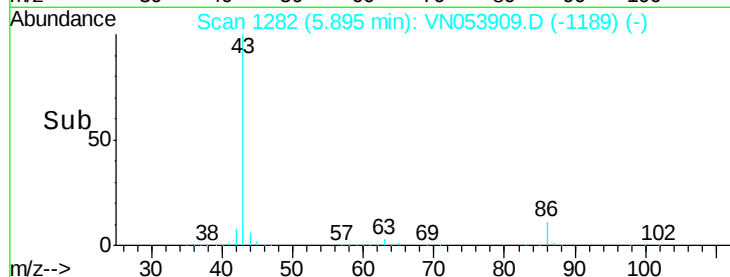
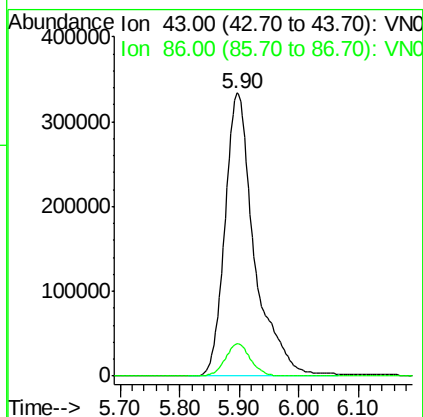
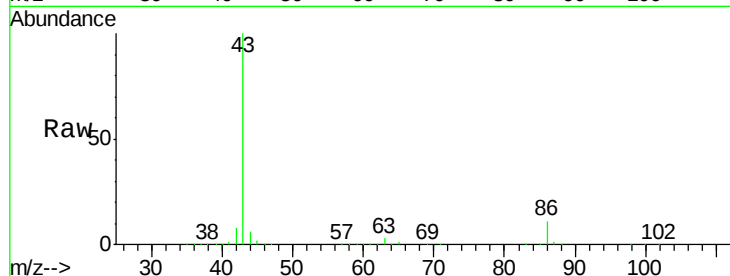
Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





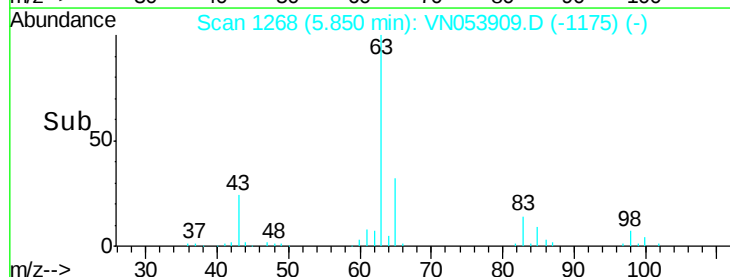
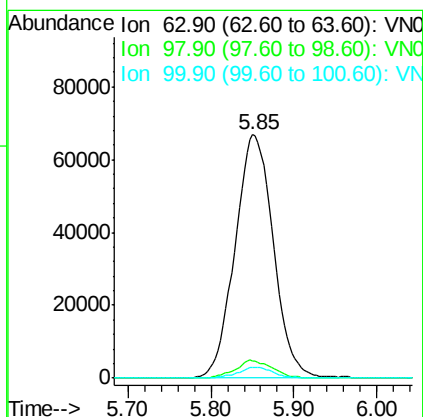
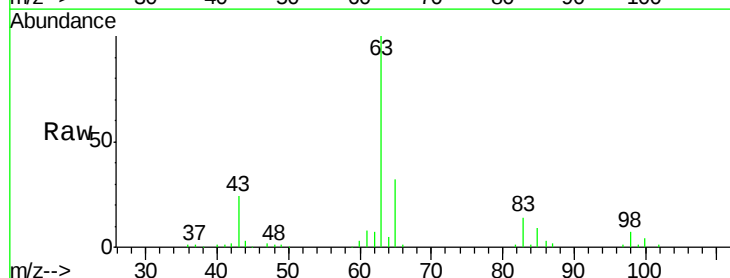
#23
 Vinyl Acetate
 Concen: 99.935 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: VN053909.D
 Acq: 22 Feb 2019 12:12

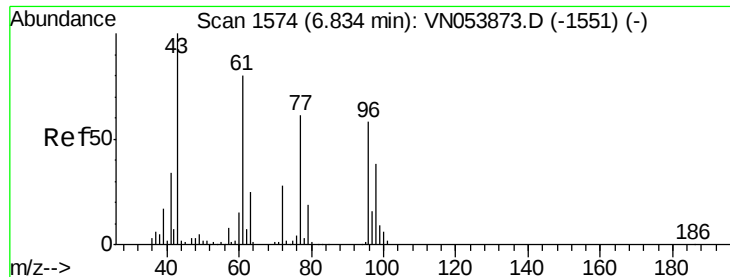
Tot Ion: 43 Resp: 1154271
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.1 13.7



#24
 1,1-Dichloroethane
 Concen: 19.746 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VN053909.D
 Acq: 22 Feb 2019 12:12

Tgt Ion: 63 Resp: 214793
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.4 10.2
 100 4.4 2.2 6.6





#25

2-Butanone

Concen: 93.917 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VN053909.D

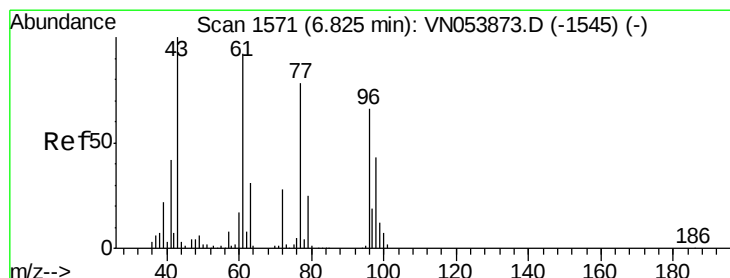
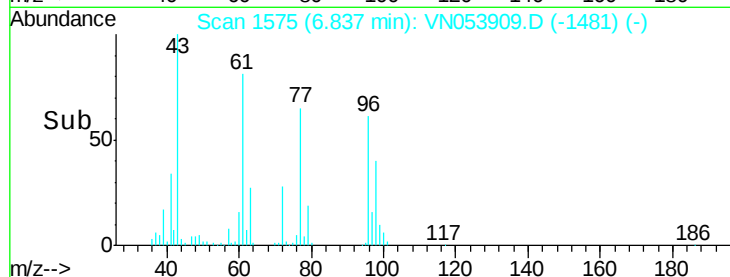
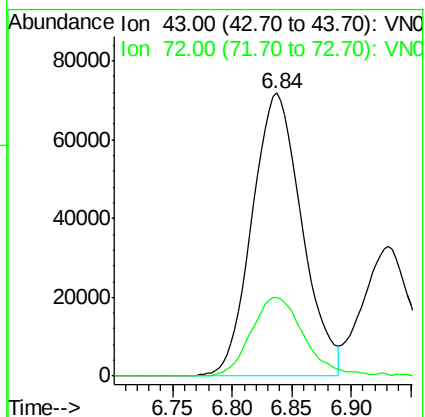
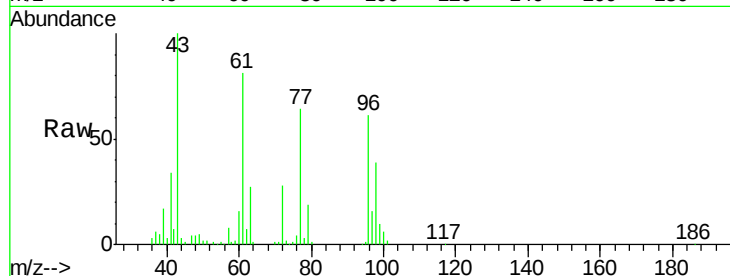
Acq: 22 Feb 2019 12:12

Tot Ion: 43 Resp: 209028

Ion Ratio Lower Upper

43 100

72 27.6 22.1 33.1



#26

2,2-Dichloropropane

Concen: 19.666 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN053909.D

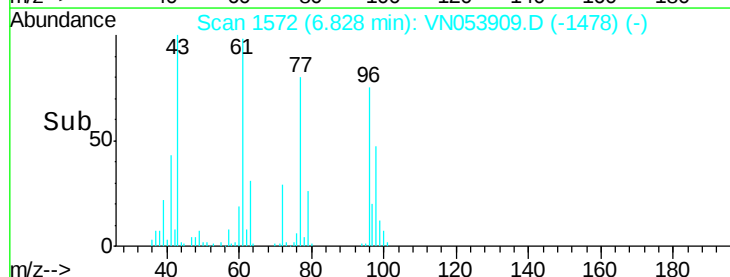
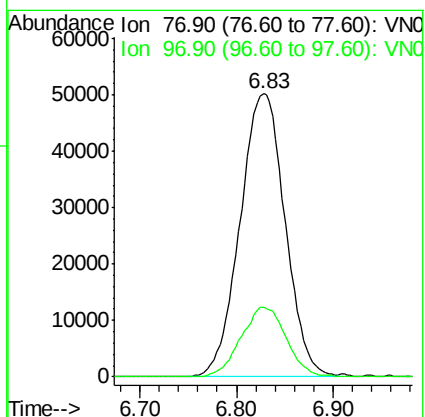
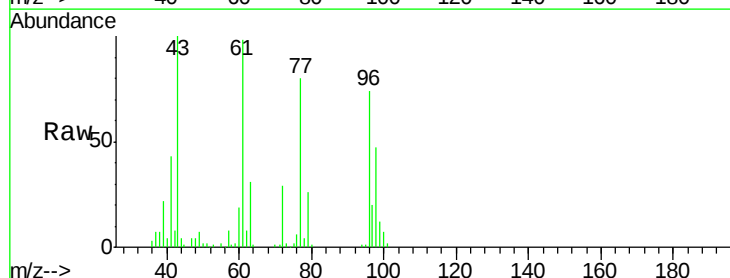
Acq: 22 Feb 2019 12:12

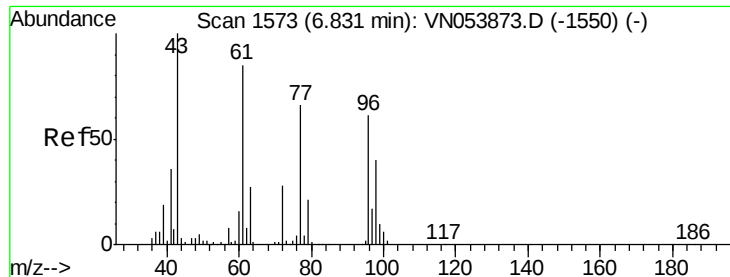
Tgt Ion: 77 Resp: 162329

Ion Ratio Lower Upper

77 100

97 24.7 12.3 36.9





#27

cis-1,2-Dichloroethene

Concen: 20.038 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN053909.D

Acq: 22 Feb 2019 12:12

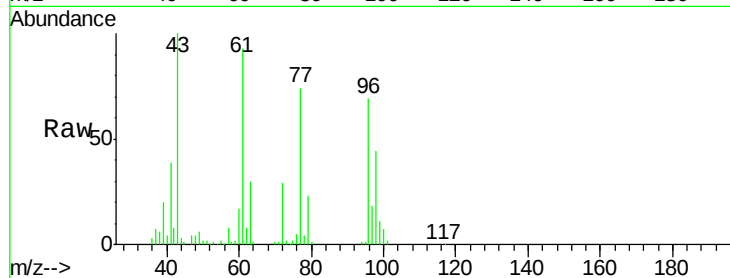
Tot Ion: 96 Resp: 134170

Ion Ratio Lower Upper

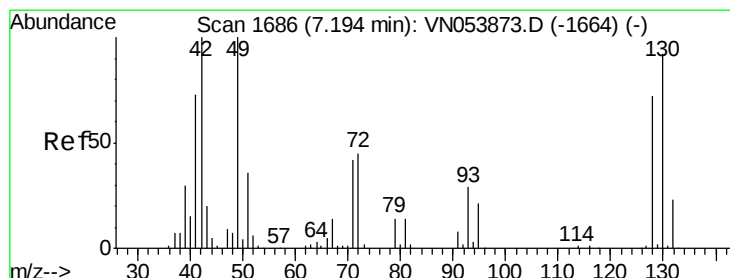
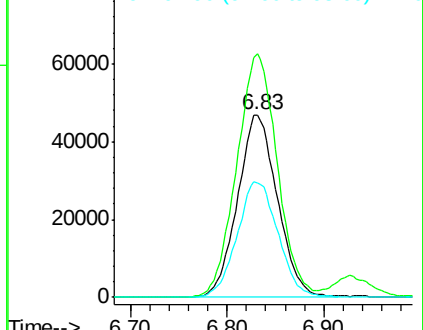
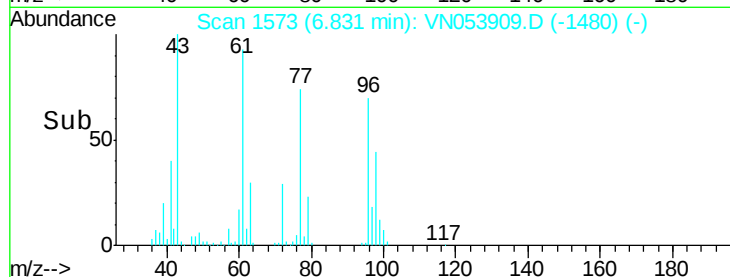
96 100

61 135.7 0.0 275.6

98 65.3 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VN053909.D (-1550) (-)



#28

Bromochloromethane

Concen: 20.938 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN053909.D

Acq: 22 Feb 2019 12:12

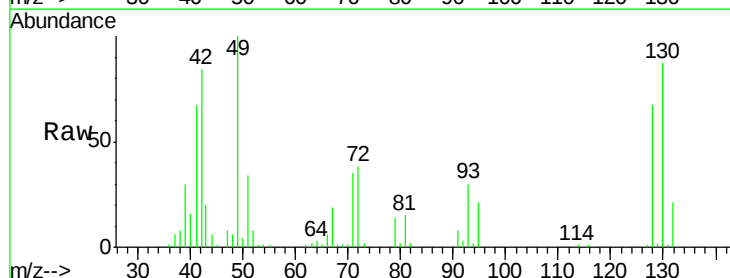
Tgt Ion: 49 Resp: 99403

Ion Ratio Lower Upper

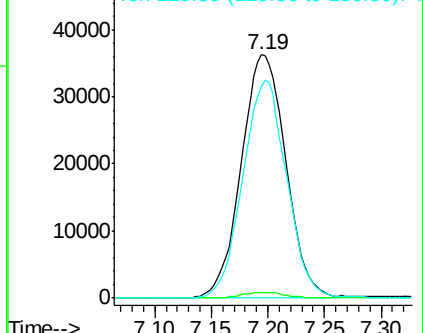
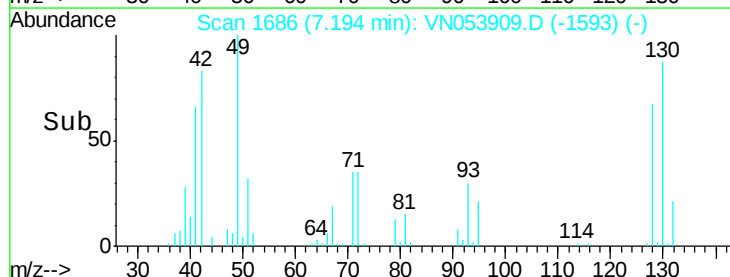
49 100

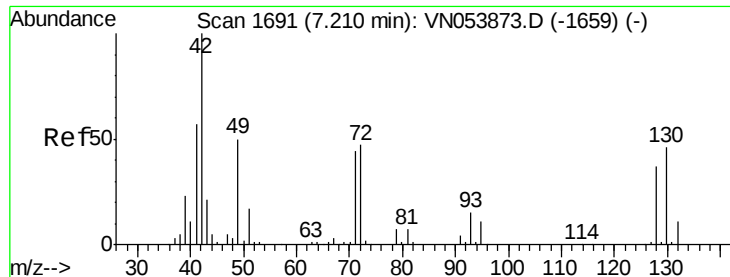
129 1.3 0.0 4.6

130 88.3 72.9 109.3



Abundance Ion 48.90 (48.60 to 49.60): VN053909.D (-1664) (-)





#29

Tetrahydrofuran

Concen: 98.659 ug/l

RT: 7.21 min Scan# 1691

Delta R.T. -0.00 min

Lab File: VN053909.D

Acq: 22 Feb 2019 12:12

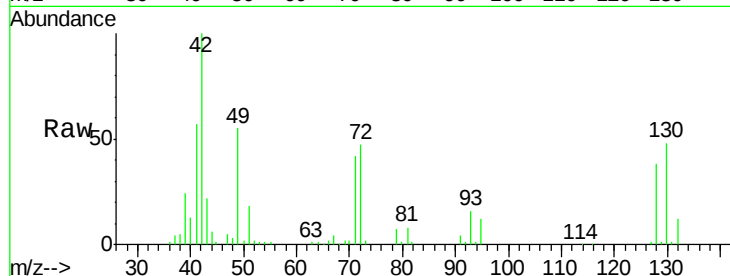
Tot Ion: 42 Resp: 142009

Ion Ratio Lower Upper

42 100

72 46.1 36.9 55.3

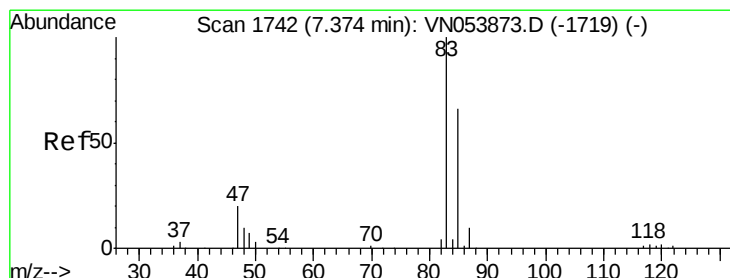
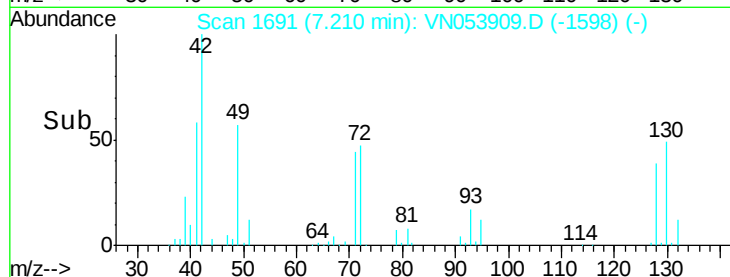
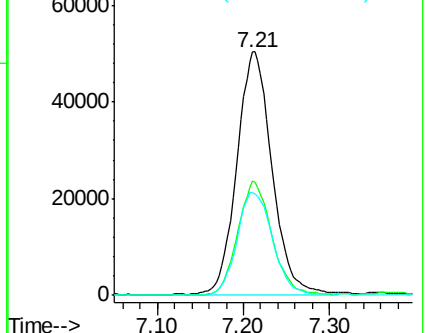
71 42.9 34.6 52.0



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: 19.516 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VN053909.D

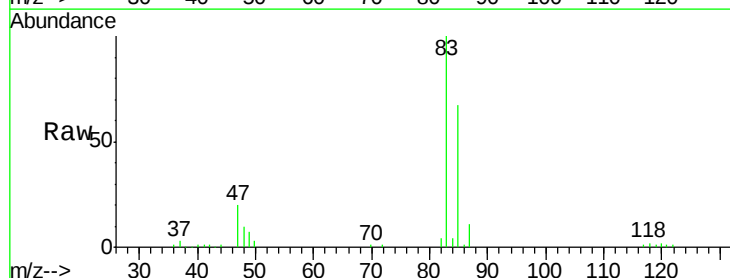
Acq: 22 Feb 2019 12:12

Tgt Ion: 83 Resp: 213310

Ion Ratio Lower Upper

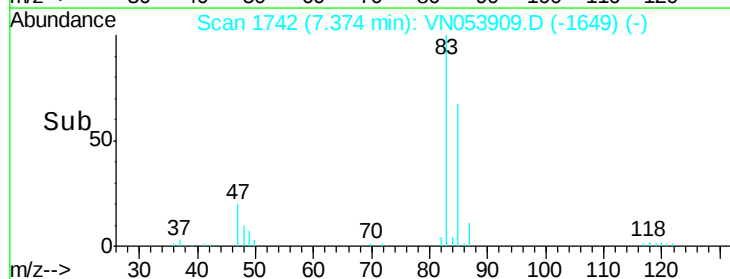
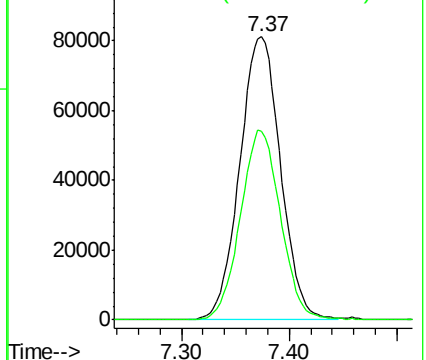
83 100

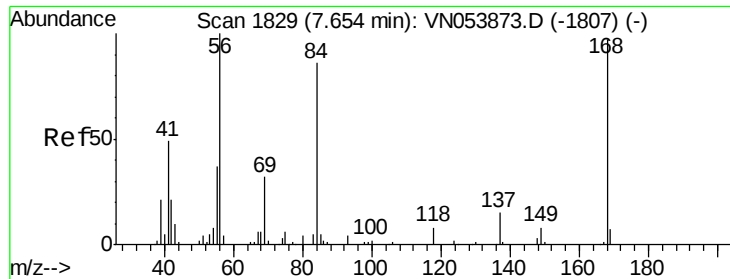
85 66.9 52.6 78.8



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

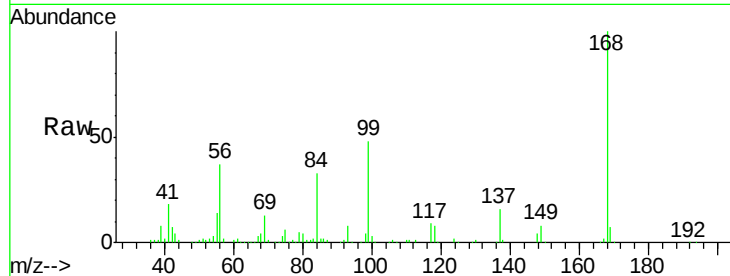
Ion 84.90 (84.60 to 85.60): VN053873.D (-1719) (-)



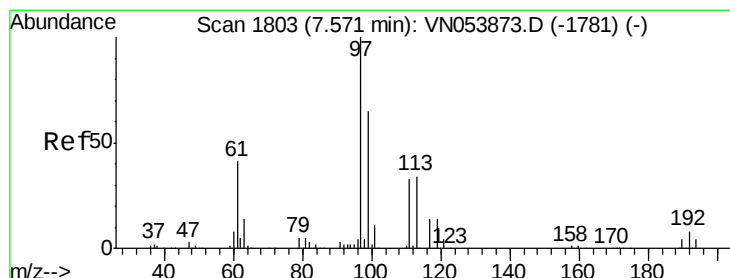
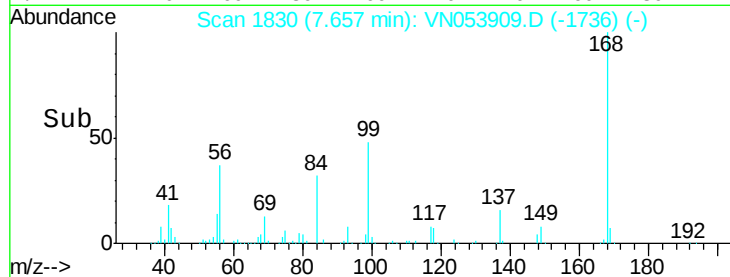
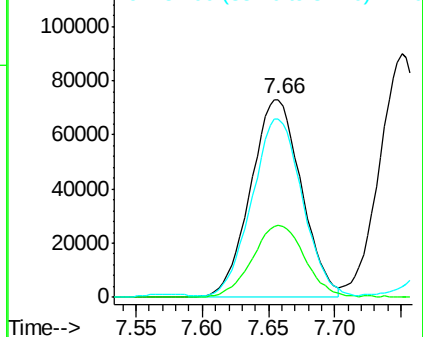


#31
Cyclohexane
Concen: 19.296 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN053909.D
Acq: 22 Feb 2019 12:12

Tot Ion: 56 Resp: 195494
Ion Ratio Lower Upper
56 100
69 36.2 26.0 39.0
84 89.0 69.1 103.7

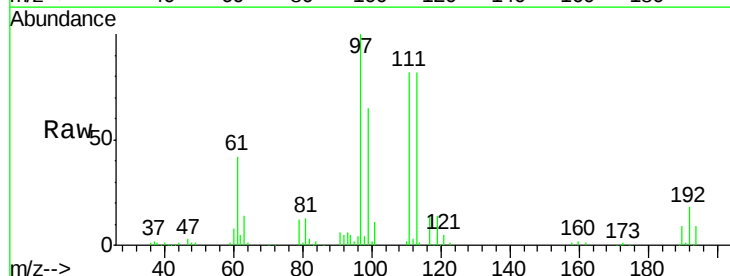


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

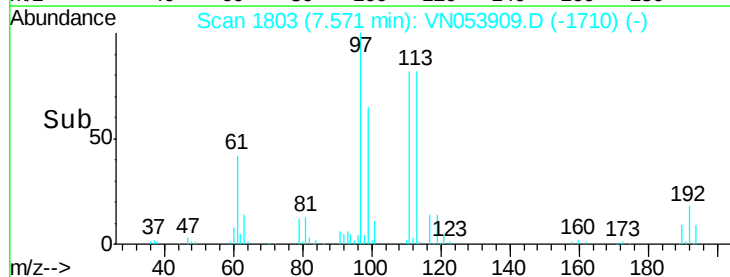
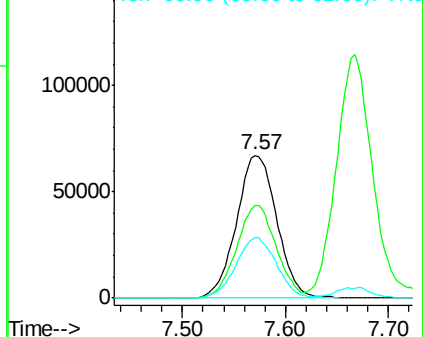


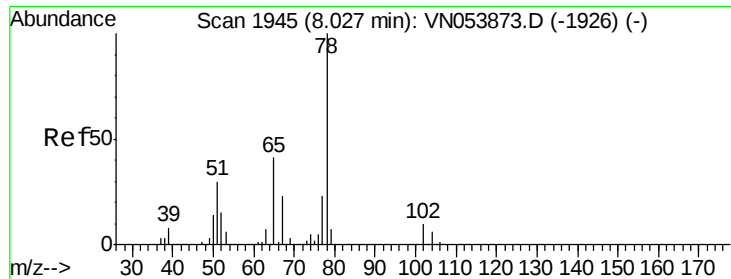
#32
1,1,1-Trichloroethane
Concen: 19.503 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN053909.D
Acq: 22 Feb 2019 12:12

Tgt Ion: 97 Resp: 182385
Ion Ratio Lower Upper
97 100
99 63.9 51.8 77.8
61 42.4 33.2 49.8



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 50.373 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN053909.D

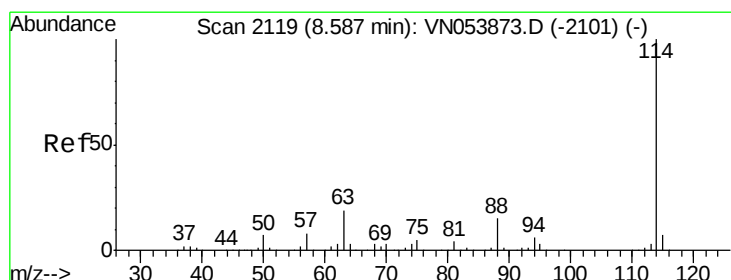
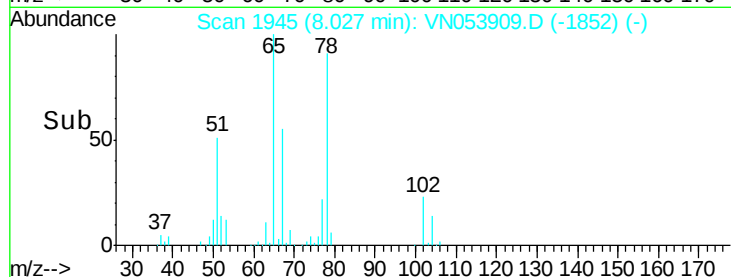
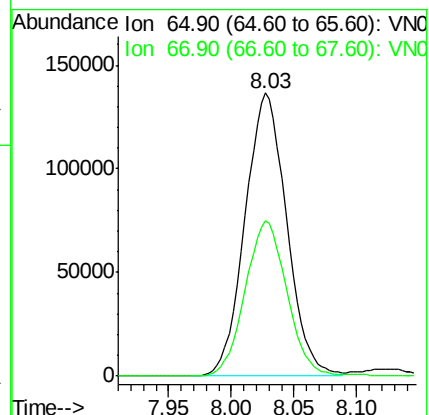
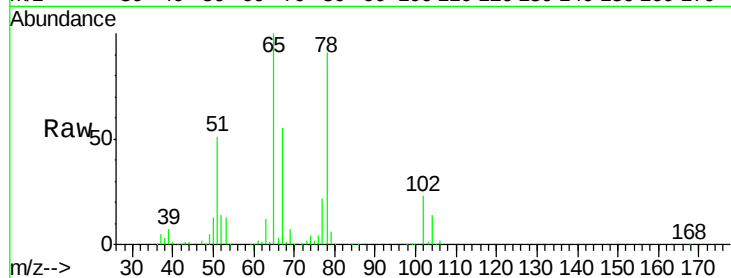
Acq: 22 Feb 2019 12:12

Tot Ion: 65 Resp: 315917

Ion Ratio Lower Upper

65 100

67 54.9 0.0 111.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN053909.D

Acq: 22 Feb 2019 12:12

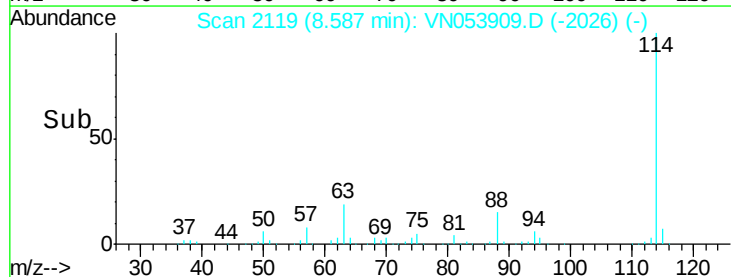
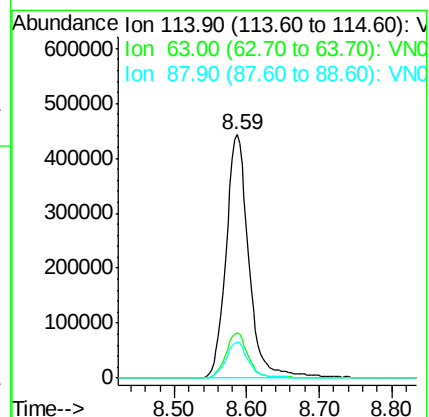
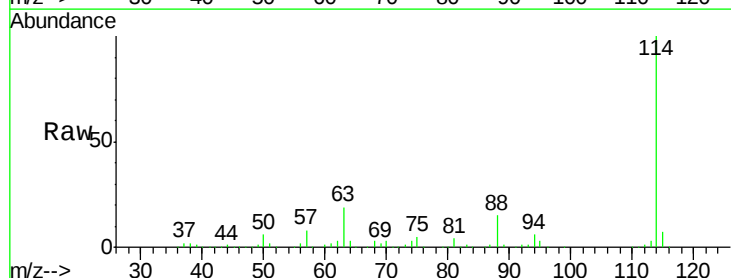
Tgt Ion: 114 Resp: 968793

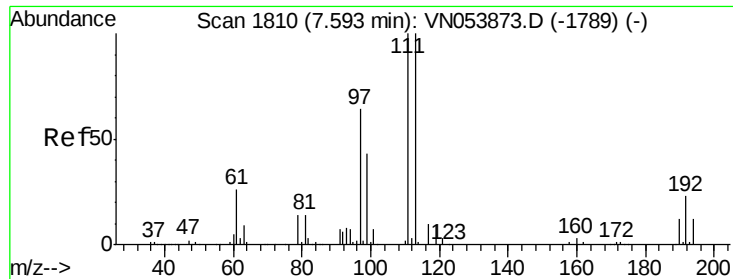
Ion Ratio Lower Upper

114 100

63 18.6 0.0 37.4

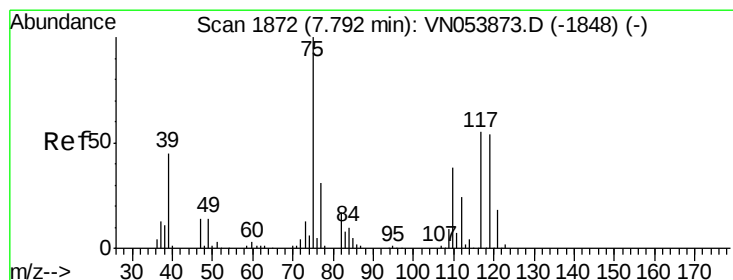
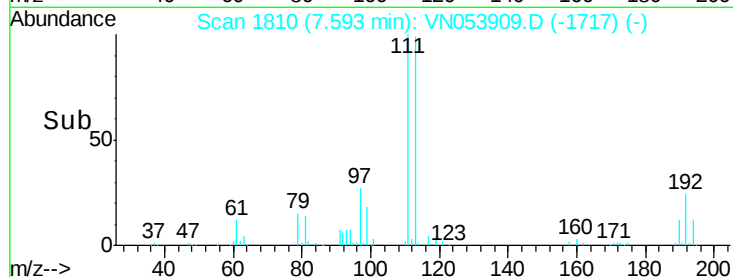
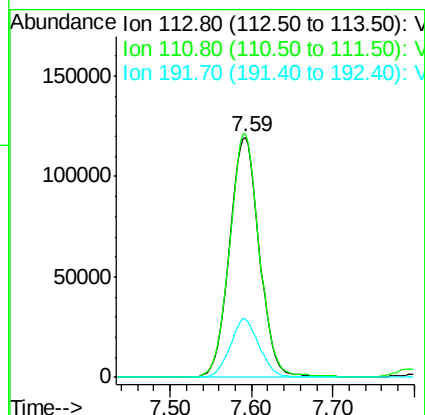
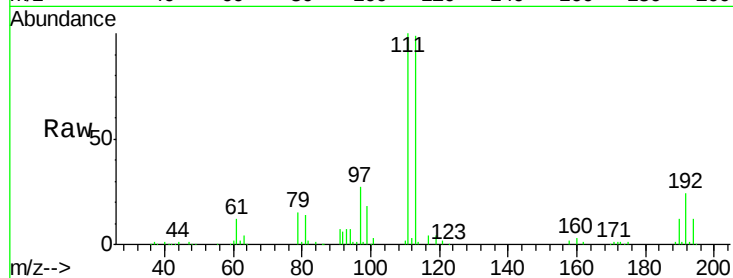
88 14.9 0.0 30.4





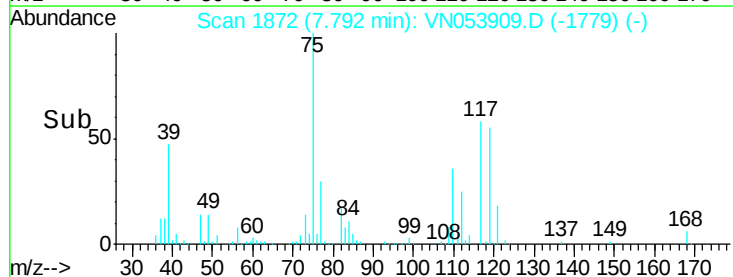
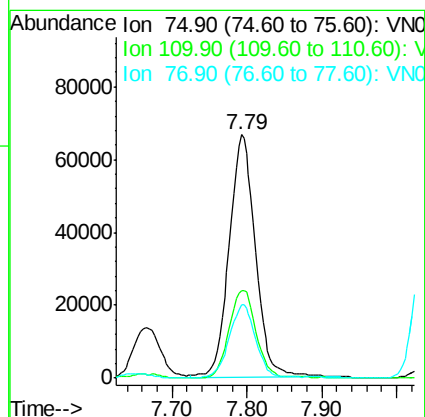
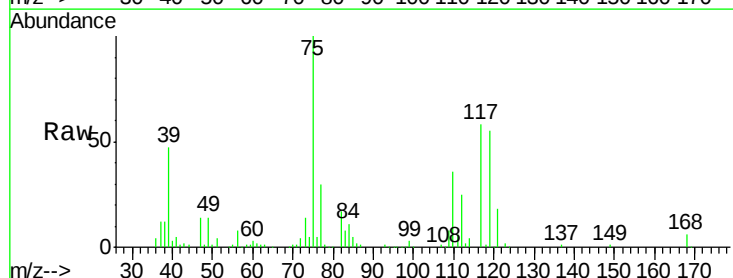
#35
Dibromofluoromethane
Concen: 48.197 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN053909.D
Acq: 22 Feb 2019 12:12

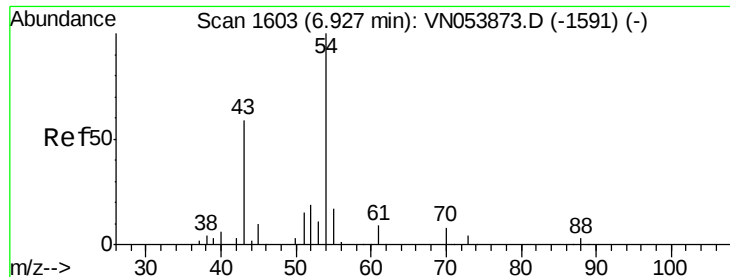
Tot Ion:113 Resp: 306440
Ion Ratio Lower Upper
113 100
111 101.0 81.1 121.7
192 23.7 18.8 28.2



#36
1,1-Dichloropropene
Concen: 18.280 ug/l
RT: 7.79 min Scan# 1872
Delta R.T. -0.00 min
Lab File: VN053909.D
Acq: 22 Feb 2019 12:12

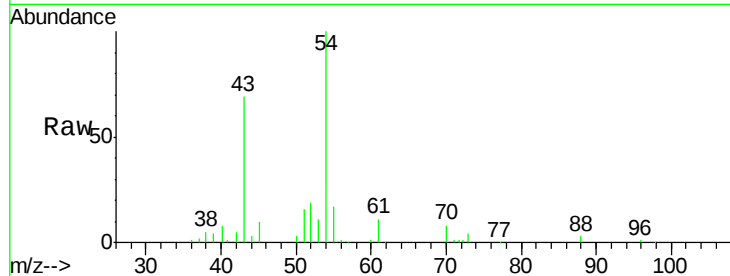
Tgt Ion: 75 Resp: 162327
Ion Ratio Lower Upper
75 100
110 37.0 19.0 57.0
77 30.5 25.4 38.0



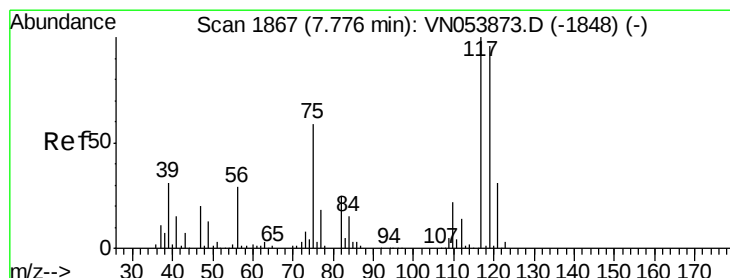
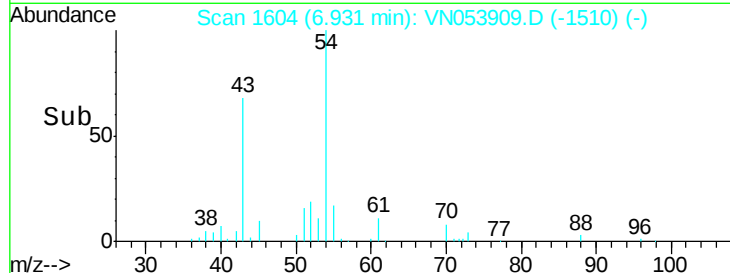
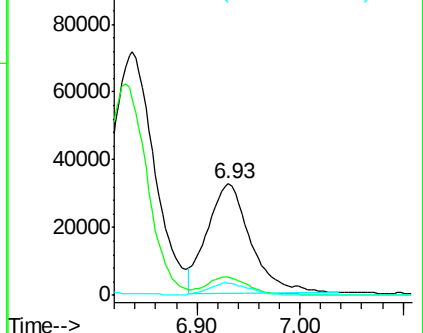


#37
Ethyl Acetate
Concen: 17.821 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN053909.D
Acq: 22 Feb 2019 12:12

Tot Ion: 43 Resp: 94497
Ion Ratio Lower Upper
43 100
61 14.2 12.0 18.0
70 11.0 8.7 13.1

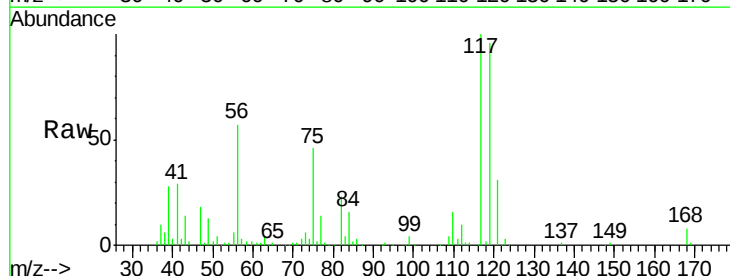


Abundance Ion 43.00 (42.70 to 43.70): VN053909.D (-1510) (-)
Ion 60.90 (60.60 to 61.60): VN053909.D (-1510) (-)
Ion 70.00 (69.70 to 70.70): VN053909.D (-1510) (-)

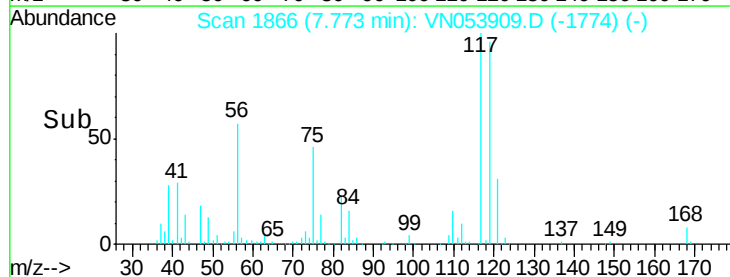
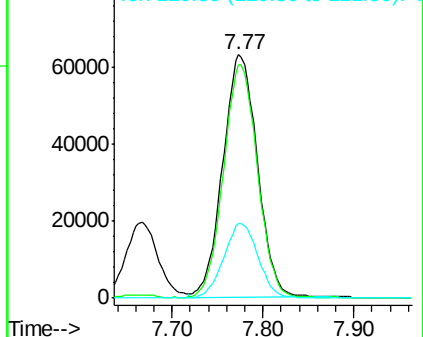


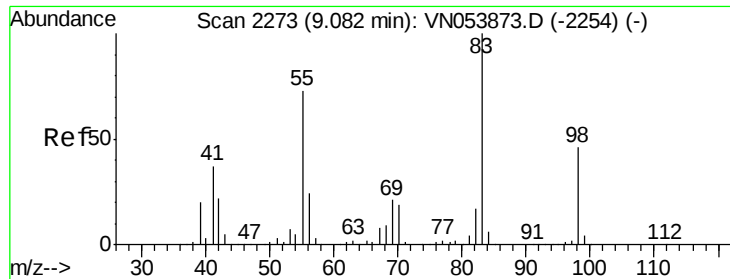
#38
Carbon Tetrachloride
Concen: 18.838 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN053909.D
Acq: 22 Feb 2019 12:12

Tgt Ion: 117 Resp: 167021
Ion Ratio Lower Upper
117 100
119 96.1 76.2 114.2
121 30.7 24.6 36.8



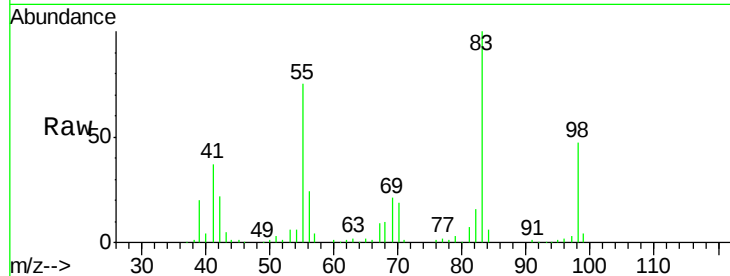
Abundance Ion 116.80 (116.50 to 117.50): VN053909.D (-1774) (-)
Ion 118.80 (118.50 to 119.50): VN053909.D (-1774) (-)
Ion 120.80 (120.50 to 121.50): VN053909.D (-1774) (-)



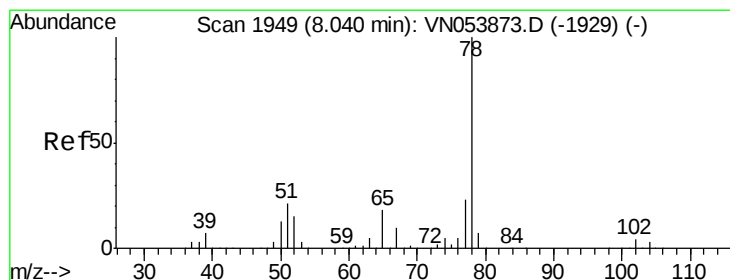
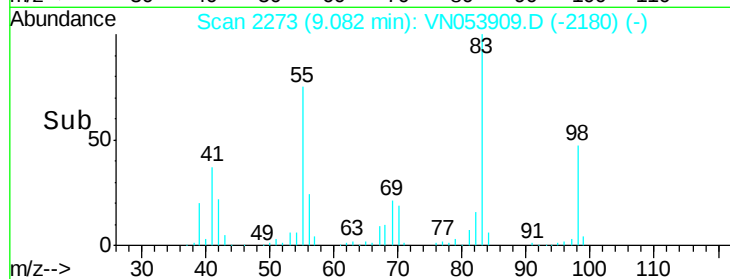
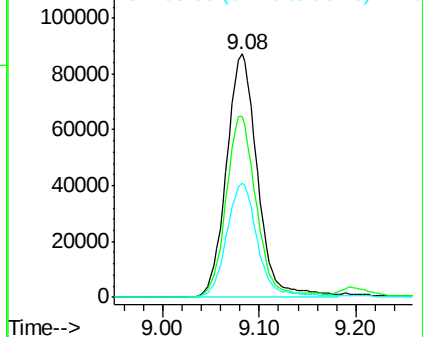


#39
Methvlcvclohexane
Concen: 19.029 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN053909.D
Acq: 22 Feb 2019 12:12

Tot Ion	83	Resp	194718
Ion Ratio	100		
Lower	58.2		
Upper	87.4		
55	74.5		
98	46.8		
	37.2		

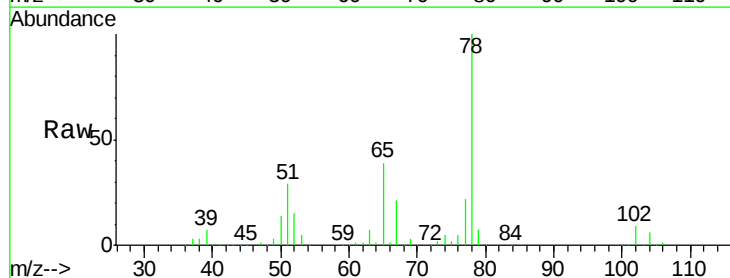


Abundance Ion 83.00 (82.70 to 83.70): VN053873.D (-2254) (-)

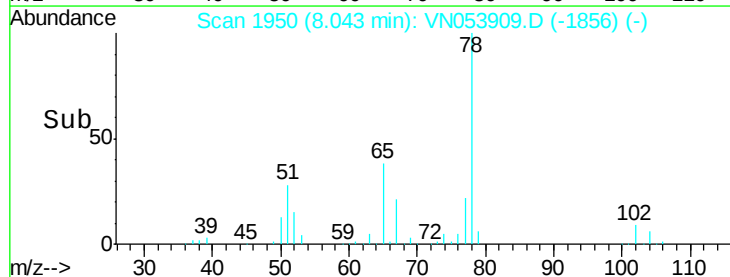
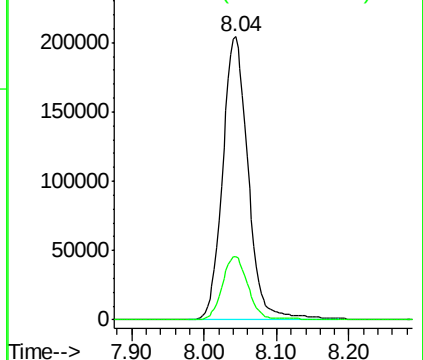


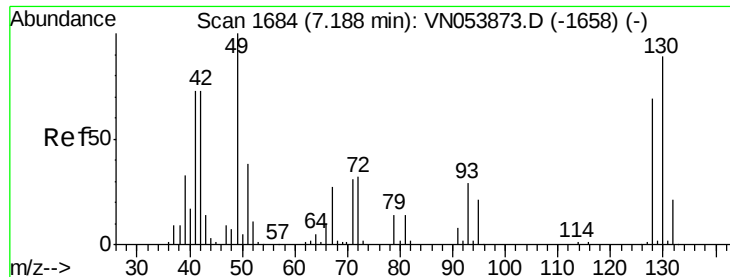
#40
Benzene
Concen: 19.034 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN053909.D
Acq: 22 Feb 2019 12:12

Tgt Ion	78	Resp	499670
Ion Ratio	100		
Lower	18.8		
Upper	28.2		
77	22.5		



Abundance Ion 78.00 (77.70 to 78.70): VN053873.D (-1929) (-)





#41

Methacrylonitrile

Concen: 16.144 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VN053909.D

Acq: 22 Feb 2019 12:12

Tot Ion: 41 Resp: 47528

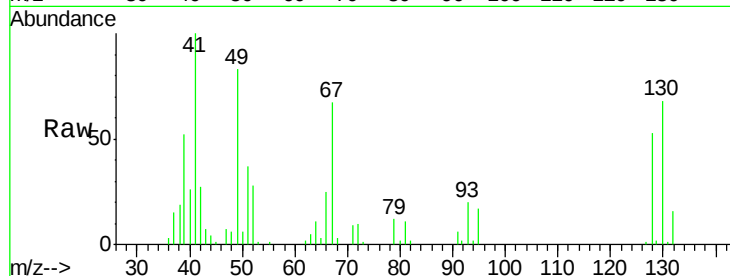
Ion Ratio Lower Upper

41 100

39 59.4 0.0 0.0#

67 94.8 0.0 0.0#

52 37.2 0.0 0.0#

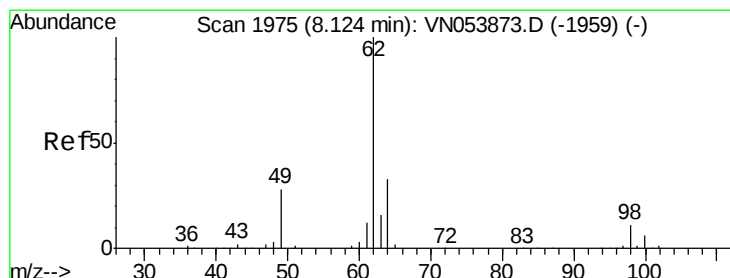
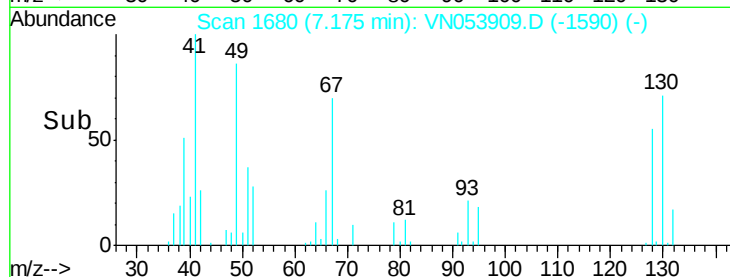
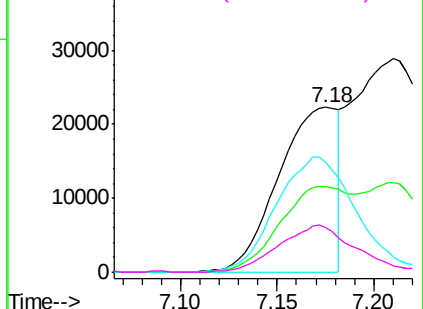


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO



#42

1,2-Dichloroethane

Concen: 18.905 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN053909.D

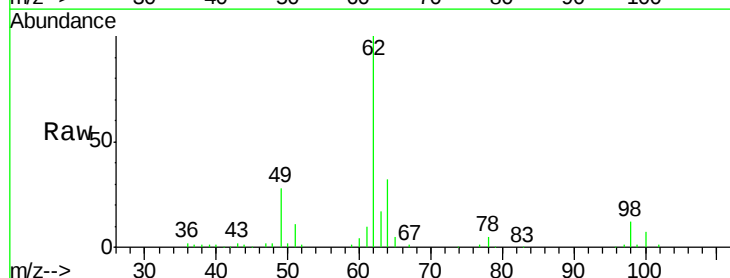
Acq: 22 Feb 2019 12:12

Tgt Ion: 62 Resp: 147951

Ion Ratio Lower Upper

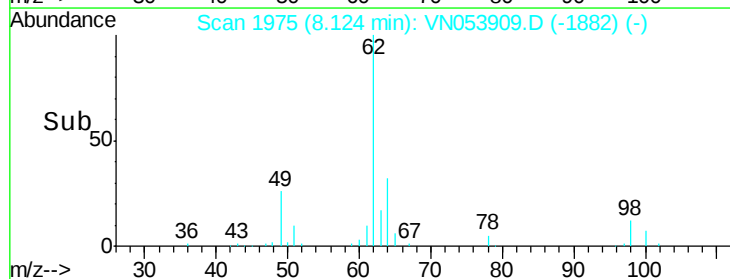
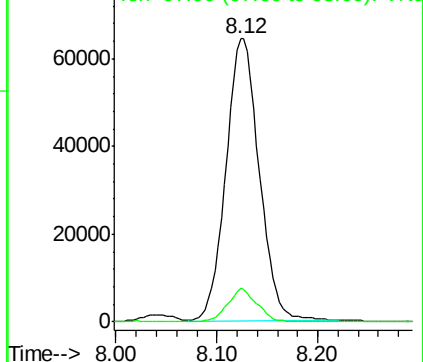
62 100

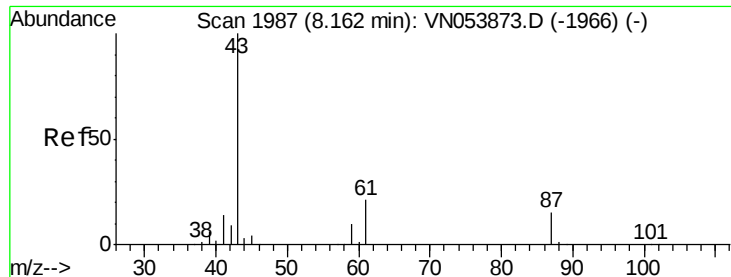
98 10.5 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 17.946 ug/l

RT: 8.17 min Scan# 1988

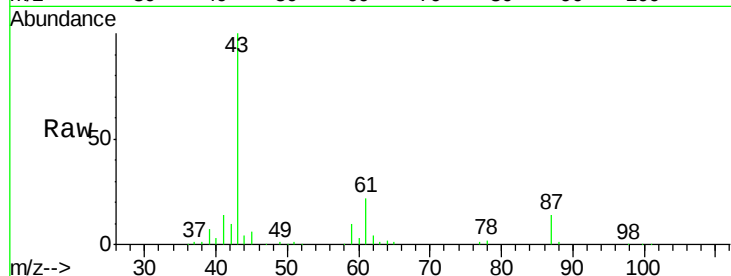
Delta R.T. 0.00 min

Lab File: VN053909.D

Acq: 22 Feb 2019 12:12

Tot Ion: 43 Resp: 169985

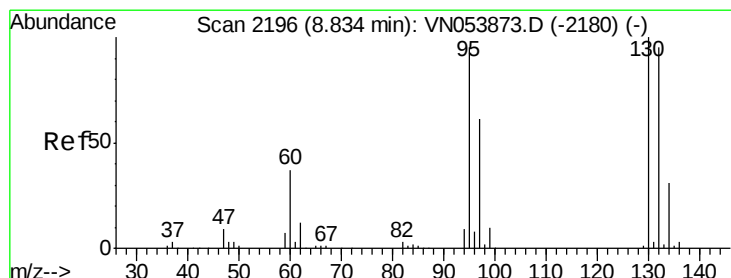
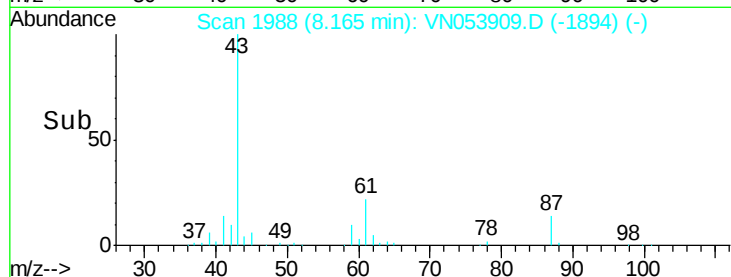
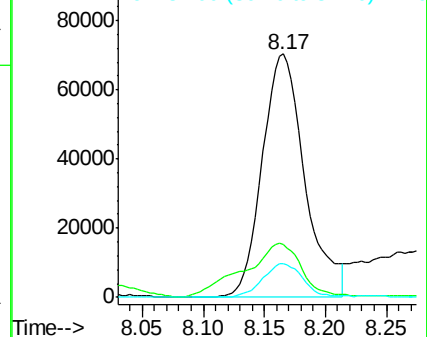
Ion	Ratio	Lower	Upper
43	100		
61	30.6	17.4	26.0#
87	13.2	11.5	17.3



Abundance Ion 43.00 (42.70 to 43.70): VN053909.D (-1894) (-)

Ion 61.00 (60.70 to 61.70): VN053909.D (-1894) (-)

Ion 87.00 (86.70 to 87.70): VN053909.D (-1894) (-)



#44

Trichloroethene

Concen: 19.377 ug/l

RT: 8.84 min Scan# 2197

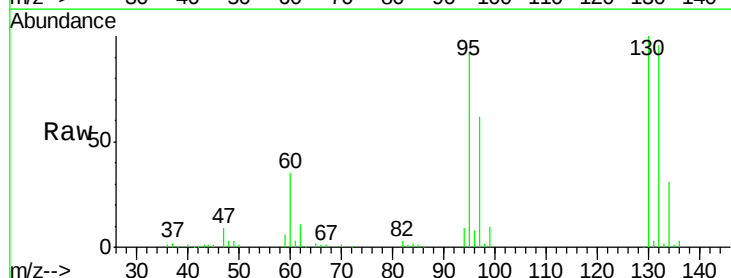
Delta R.T. 0.00 min

Lab File: VN053909.D

Acq: 22 Feb 2019 12:12

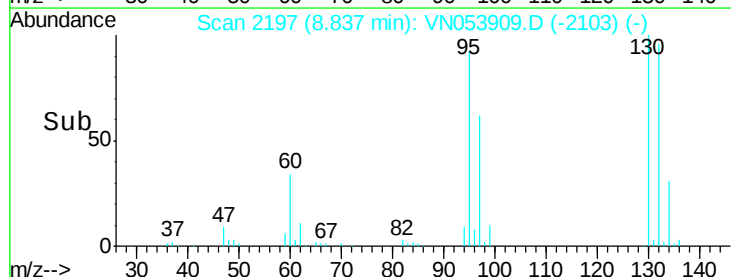
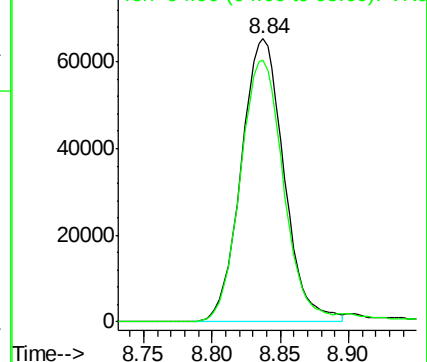
Tgt Ion: 130 Resp: 142399

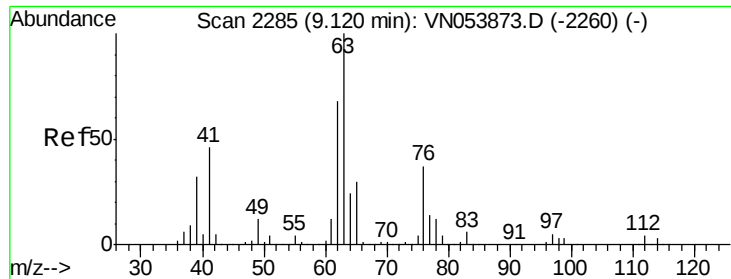
Ion	Ratio	Lower	Upper
130	100		
95	92.4	0.0	190.0



Abundance Ion 129.80 (129.50 to 130.50): VN053909.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN053909.D (-2103) (-)





#45

1,2-Dichloropropane

Concen: 20.012 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. -0.00 min

Lab File: VN053909.D

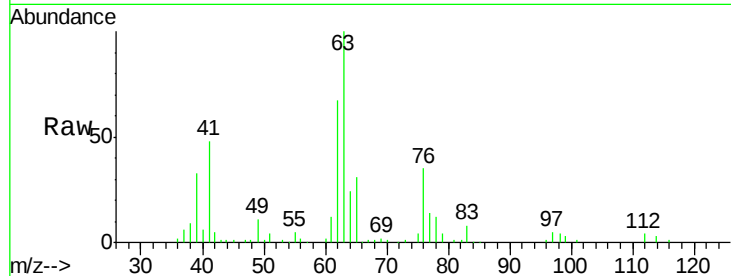
Acq: 22 Feb 2019 12:12

Tot Ion: 63 Resp: 134122

Ion Ratio Lower Upper

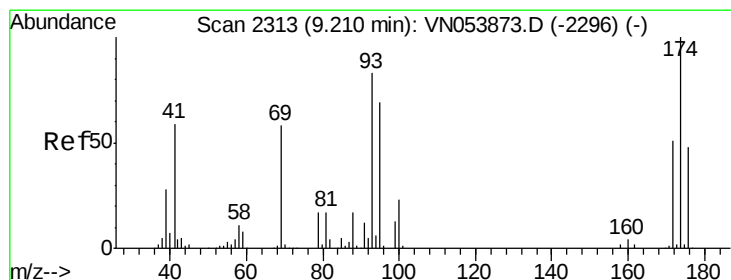
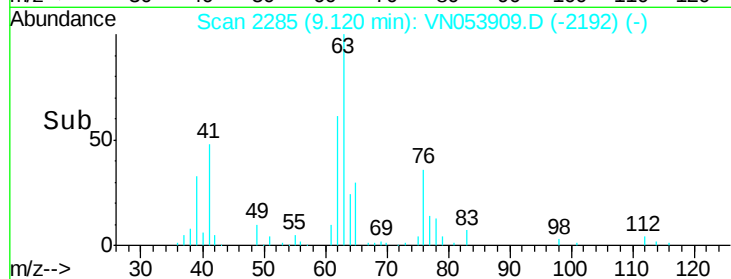
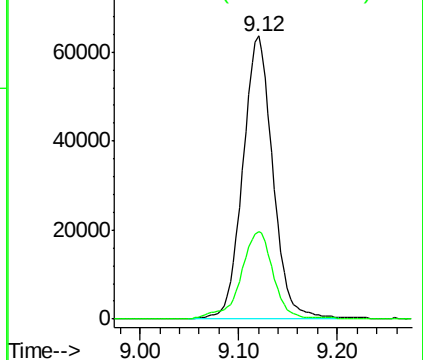
63 100

65 30.7 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VNC

Ion 64.90 (64.60 to 65.60): VNC



#46

Dibromomethane

Concen: 20.226 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. -0.00 min

Lab File: VN053909.D

Acq: 22 Feb 2019 12:12

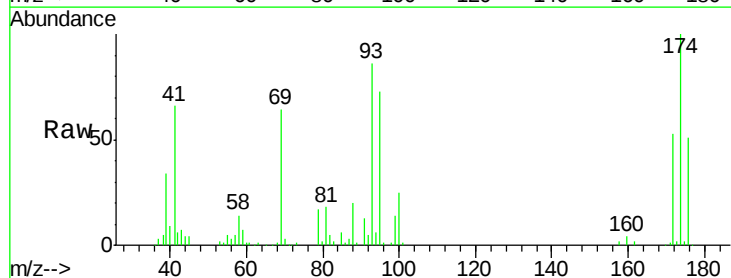
Tgt Ion: 93 Resp: 81625

Ion Ratio Lower Upper

93 100

95 84.5 66.6 100.0

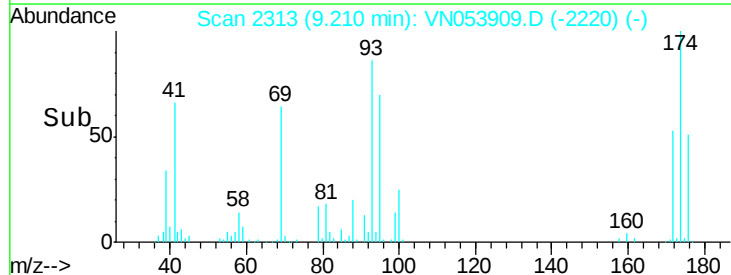
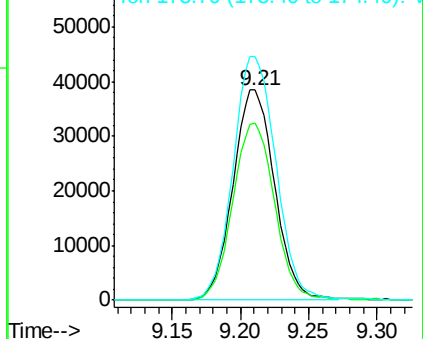
174 119.2 96.2 144.4

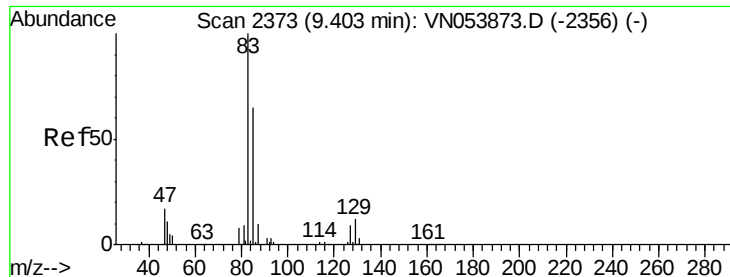


Abundance Ion 92.80 (92.50 to 93.50): VNC

Ion 94.80 (94.50 to 95.50): VNC

Ion 173.70 (173.40 to 174.40): VNC





#47

Bromodichloromethane

Concen: 20.565 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN053909.D

Acq: 22 Feb 2019 12:12

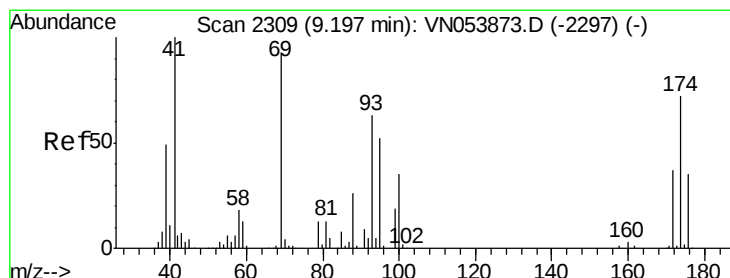
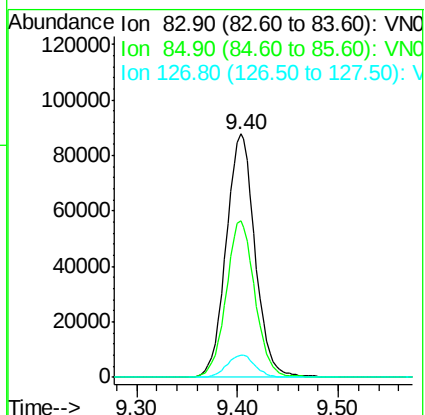
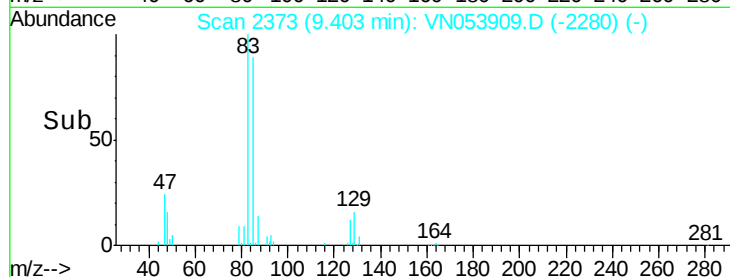
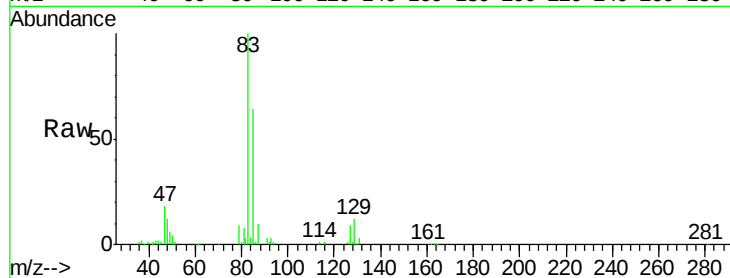
Tot Ion: 83 Resp: 175073

Ion Ratio Lower Upper

83 100

85 64.3 51.8 77.6

127 8.9 7.4 11.0



#48

Methyl methacrylate

Concen: 19.166 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN053909.D

Acq: 22 Feb 2019 12:12

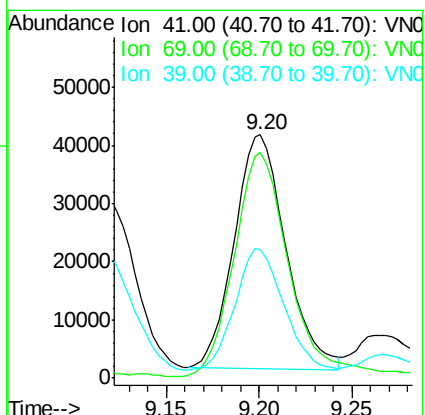
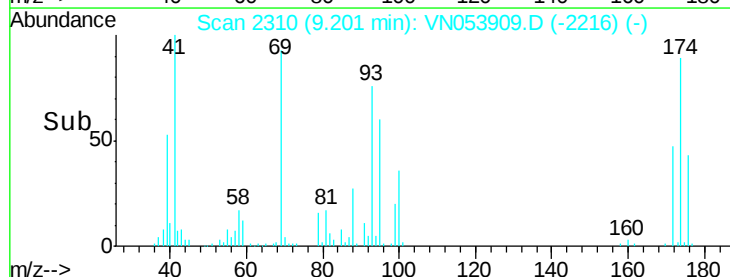
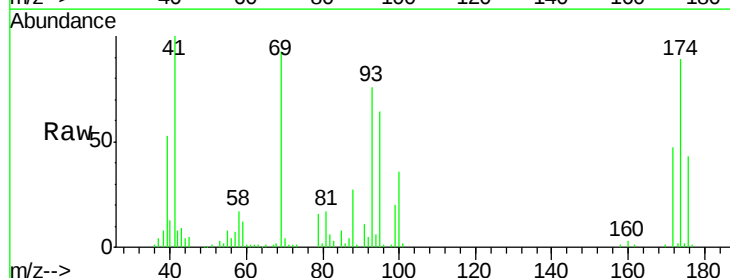
Tgt Ion: 41 Resp: 77834

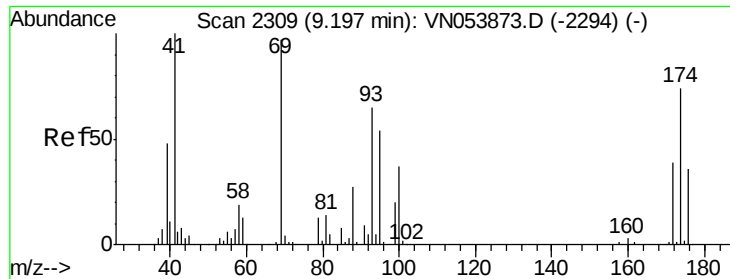
Ion Ratio Lower Upper

41 100

69 106.6 74.8 112.2

39 55.3 39.0 58.6





#49

1,4-Dioxane

Concen: 393.974 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN053909.D

Acq: 22 Feb 2019 12:12

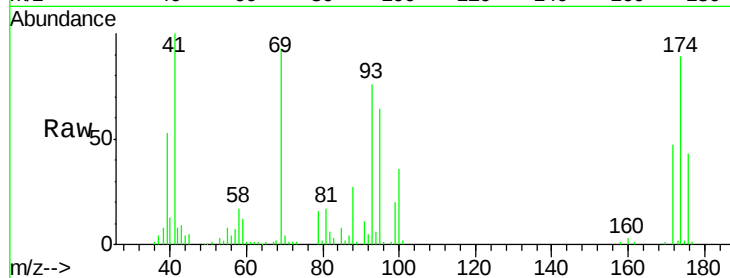
Tot Ion: 88 Resp: 25007

Ion Ratio Lower Upper

88 100

43 29.7 21.2 31.8

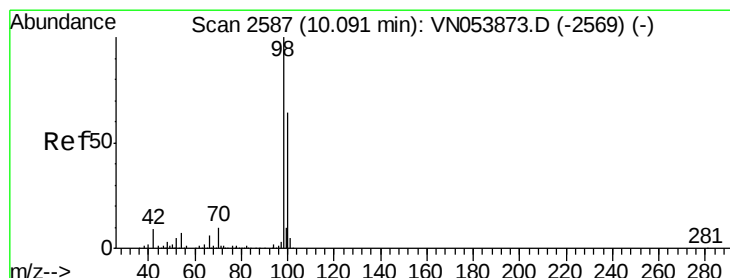
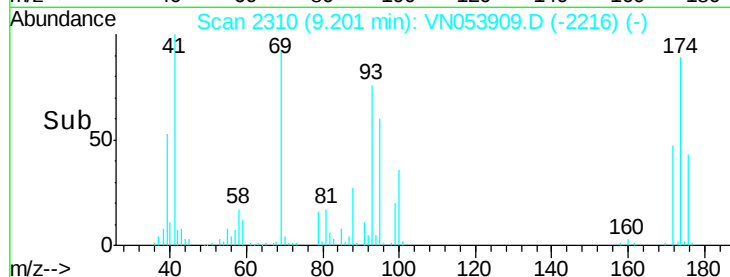
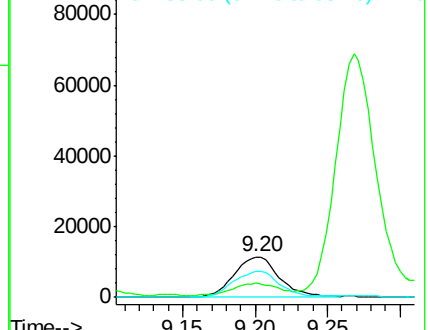
58 66.7 54.2 81.2



Abundance Ion 88.00 (87.70 to 88.70): VN053909.D (-2216) (-)

Ion 43.00 (42.70 to 43.70): VN053909.D (-2216) (-)

Ion 58.00 (57.70 to 58.70): VN053909.D (-2216) (-)



#50

Toluene-d8

Concen: 49.916 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053909.D

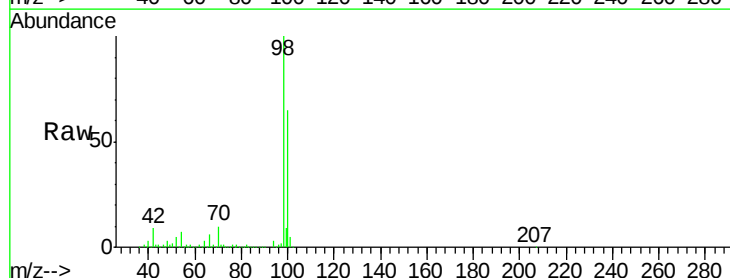
Acq: 22 Feb 2019 12:12

Tgt Ion: 98 Resp: 1146256

Ion Ratio Lower Upper

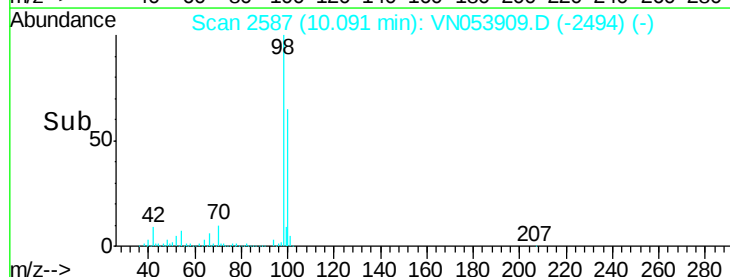
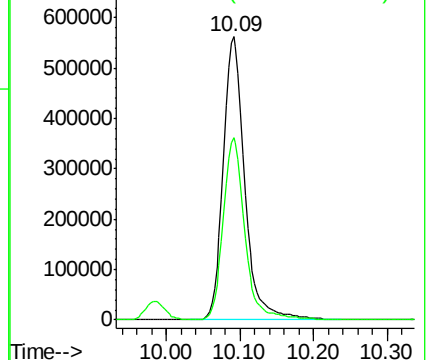
98 100

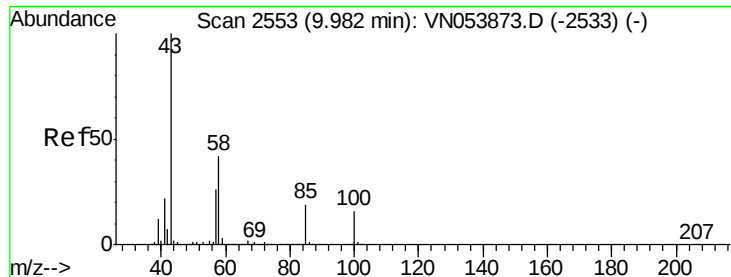
100 64.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN053909.D (-2494) (-)

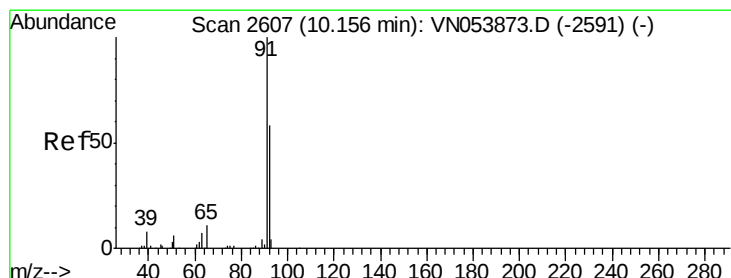
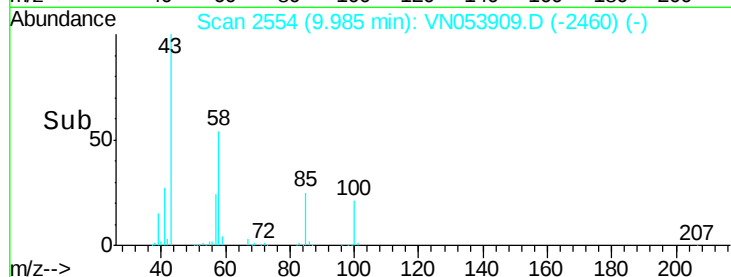
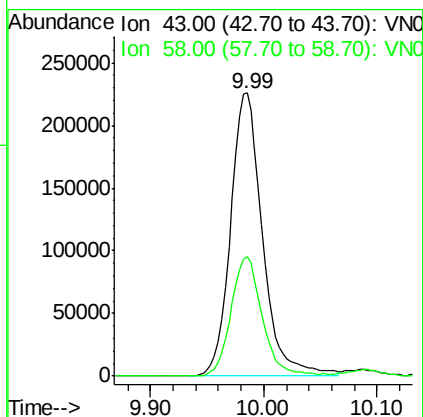
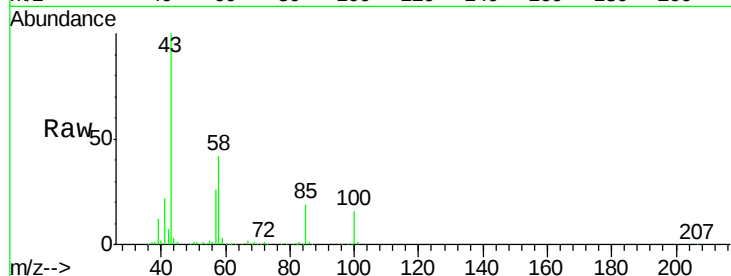
Ion 100.00 (99.70 to 100.70): VN053909.D (-2494) (-)





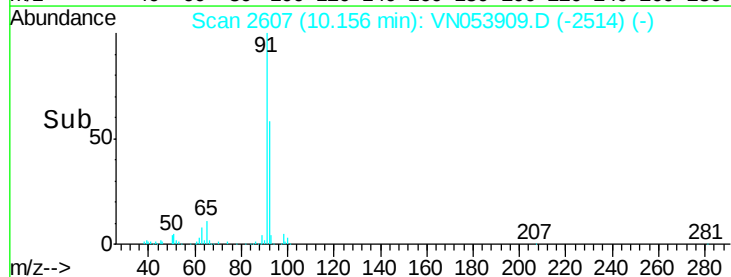
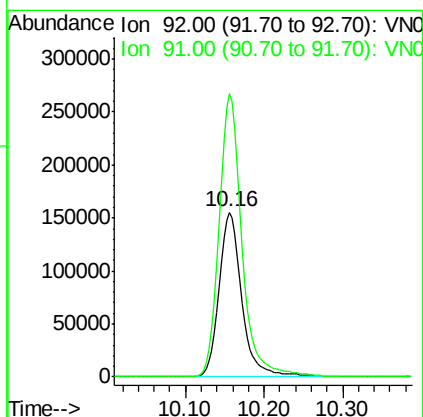
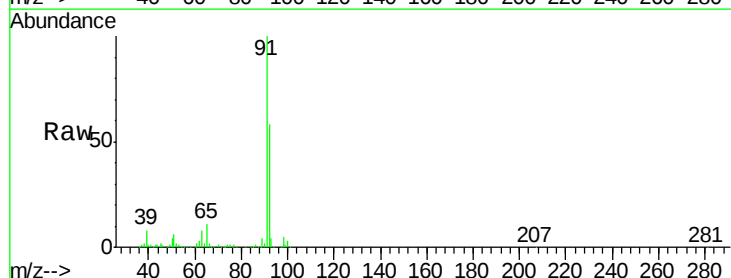
#51
4-Methyl-2-Pentanone
Concen: 94.780 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN053909.D
Acq: 22 Feb 2019 12:12

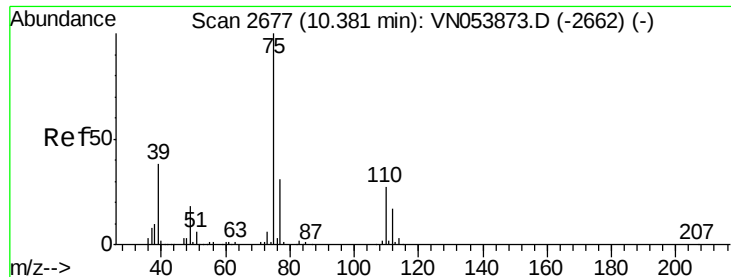
Tot Ion: 43 Resp: 441028
Ion Ratio Lower Upper
43 100
58 41.6 32.7 49.1



#52
Toluene
Concen: 19.863 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN053909.D
Acq: 22 Feb 2019 12:12

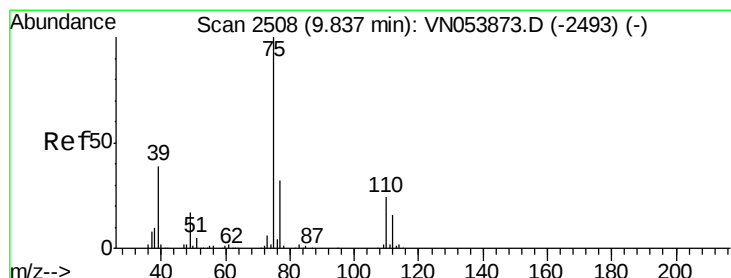
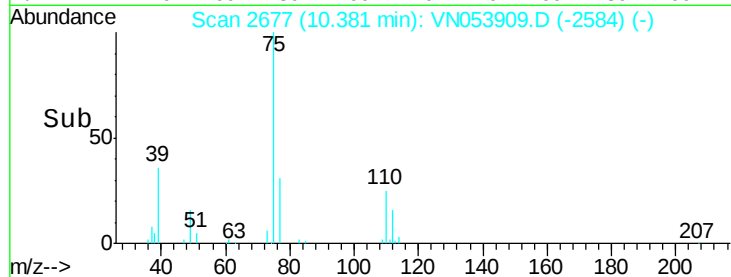
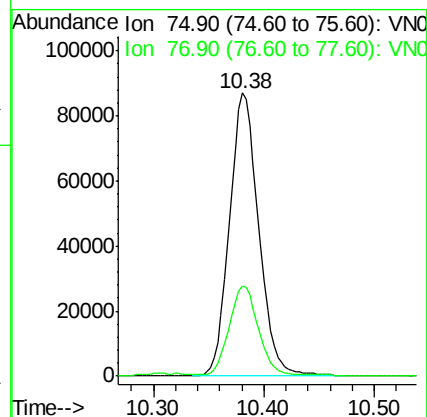
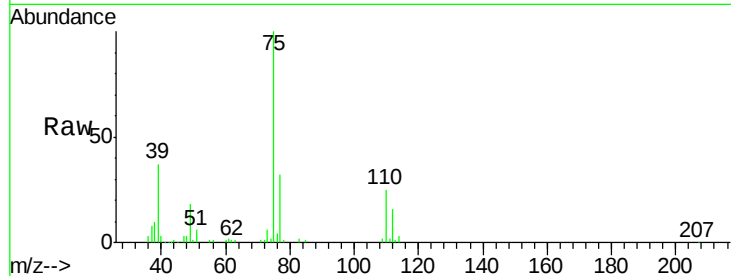
Tgt Ion: 92 Resp: 309005
Ion Ratio Lower Upper
92 100
91 172.8 138.4 207.6





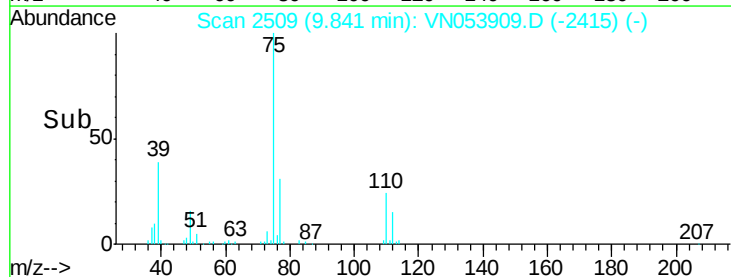
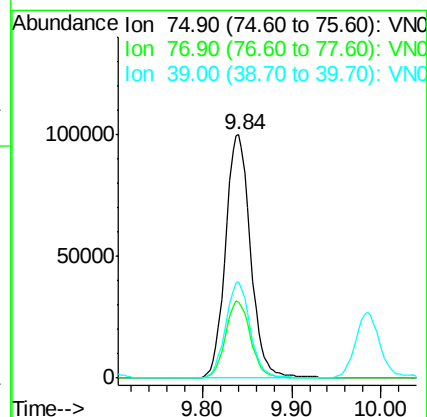
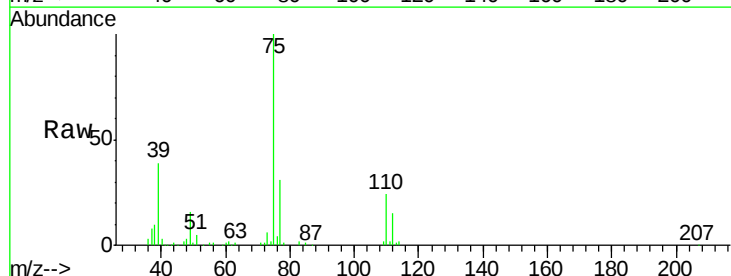
#53
 t-1,3-Dichloropropene
 Concen: 19.376 ug/l
 RT: 10.38 min Scan# 2677
 Delta R.T. -0.00 min
 Lab File: VN053909.D
 Acq: 22 Feb 2019 12:12

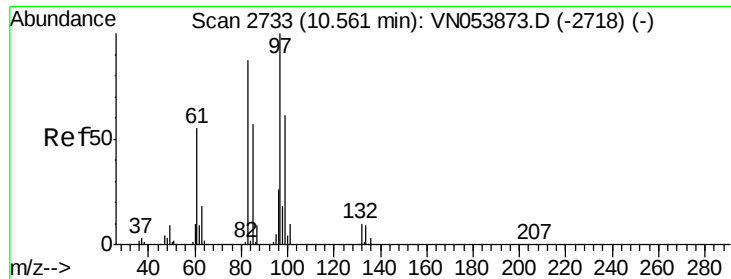
Tot Ion: 75 Resp: 160175
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 19.959 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN053909.D
 Acq: 22 Feb 2019 12:12

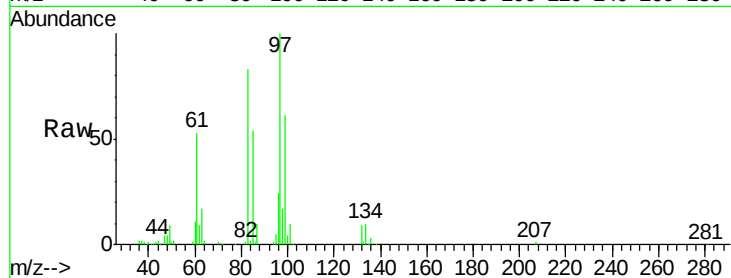
Tgt Ion: 75 Resp: 194474
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.8 38.6
 39 39.5 31.4 47.0



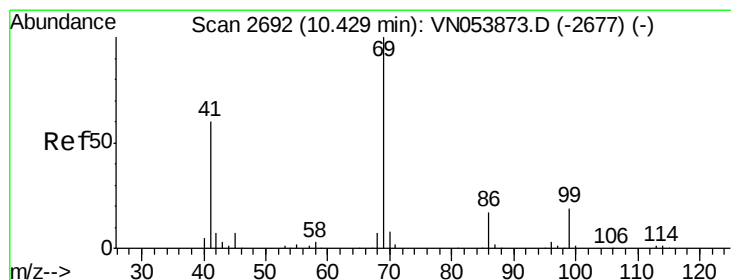
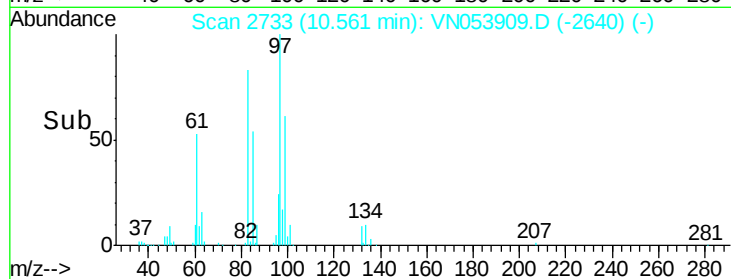
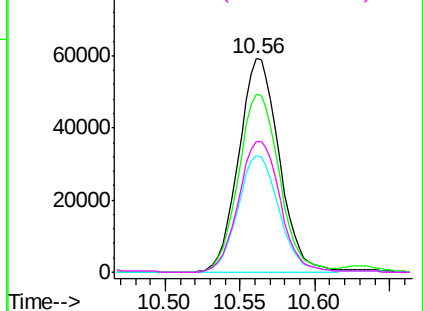


#55
 1,1,2-Trichloroethane
 Concen: 19.635 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN053909.D
 Acq: 22 Feb 2019 12:12

Tot Ion:	97	Resp:	111667
Ion	Ratio	Lower	Upper
97	100		
83	83.5	69.5	104.3
85	54.4	45.9	68.9
99	61.0	49.1	73.7

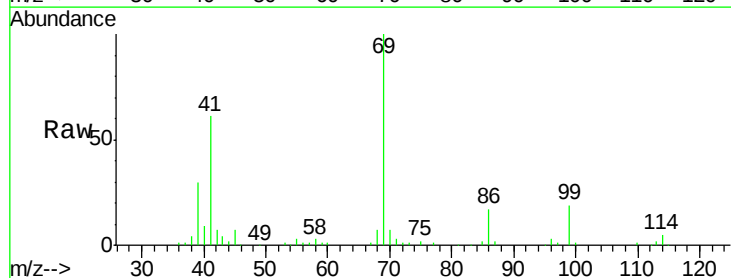


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

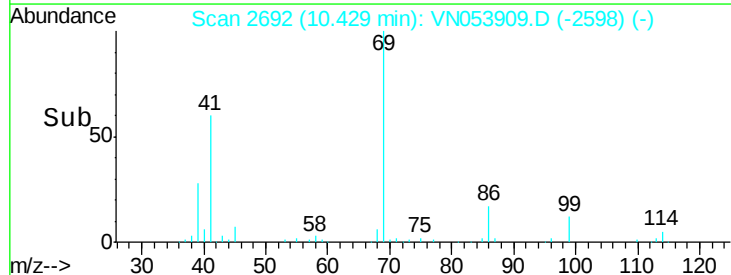
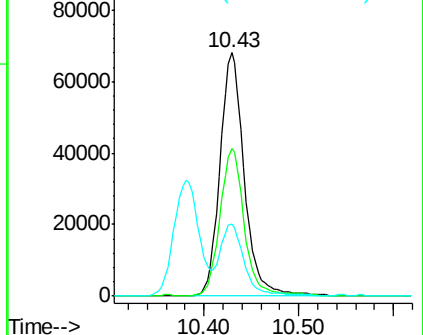


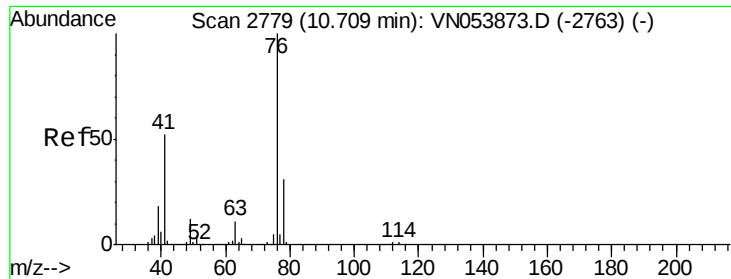
#56
 Ethyl methacrylate
 Concen: 18.282 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN053909.D
 Acq: 22 Feb 2019 12:12

Tgt Ion:	69	Resp:	121688
Ion	Ratio	Lower	Upper
69	100		
41	60.0	47.5	71.3
39	27.9	23.4	35.0



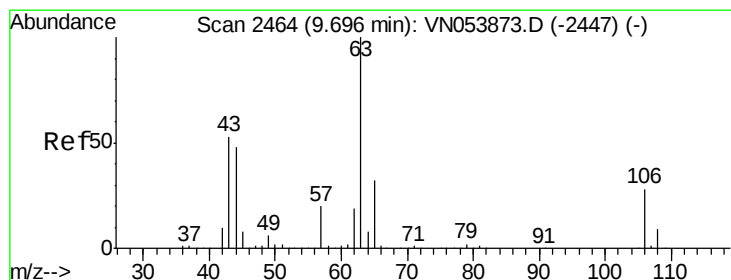
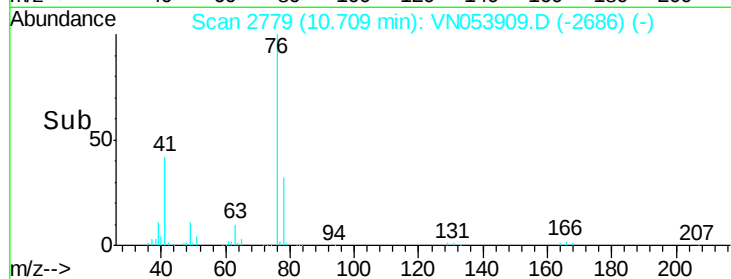
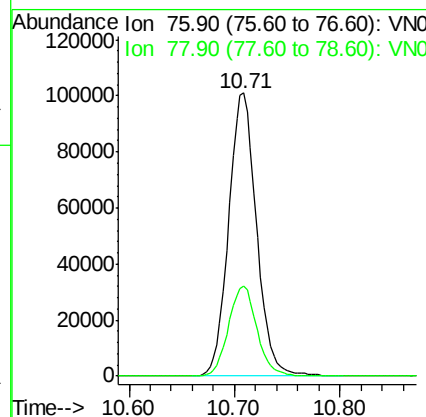
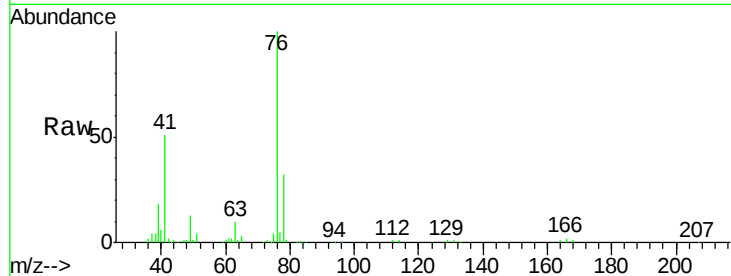
Abundance Ion 69.00 (68.70 to 69.70): VN0
 Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0





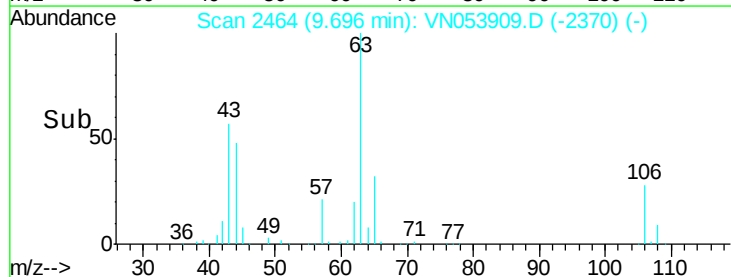
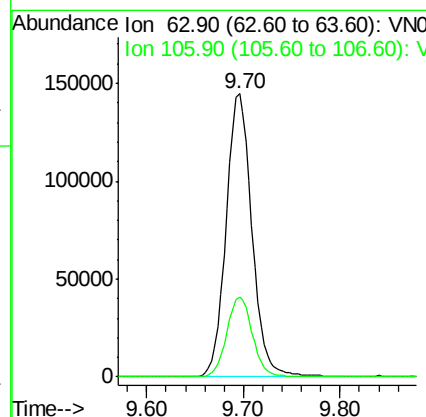
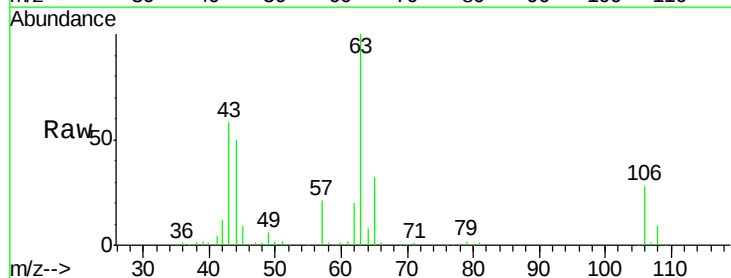
#57
 1,3-Dichloropropane
 Concen: 19.275 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN053909.D
 Acq: 22 Feb 2019 12:12

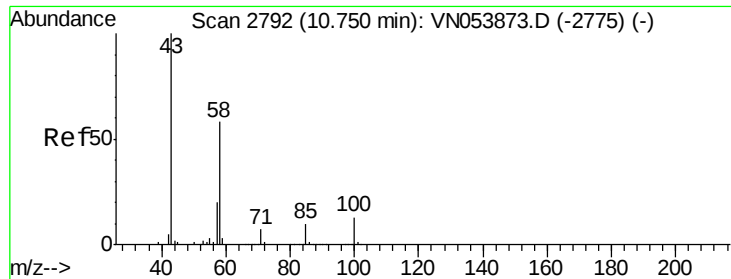
Tot Ion: 76 Resp: 184566
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 90.619 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN053909.D
 Acq: 22 Feb 2019 12:12

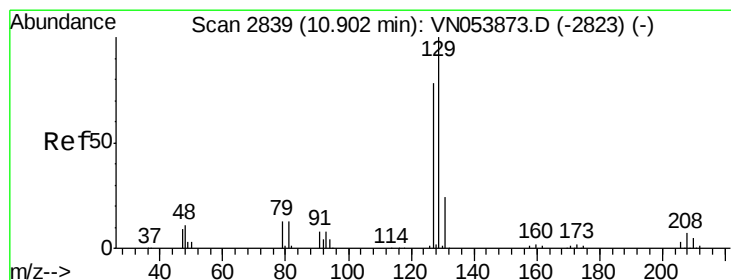
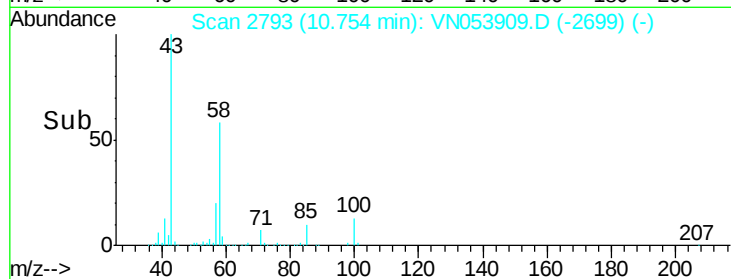
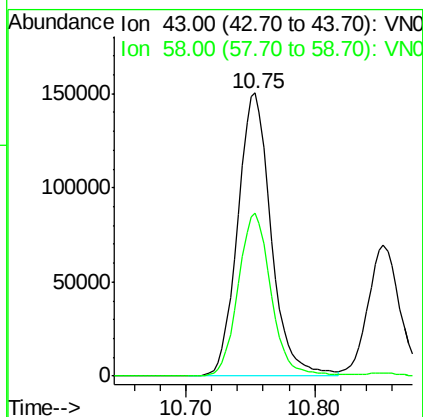
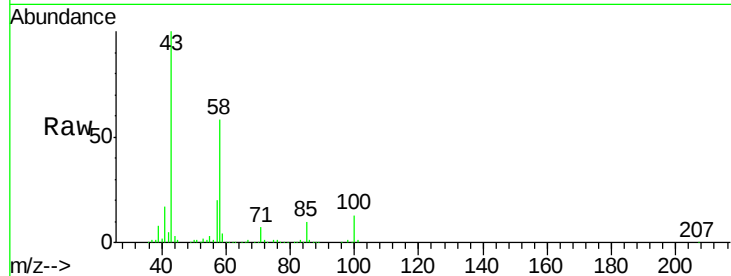
Tgt Ion: 63 Resp: 269044
 Ion Ratio Lower Upper
 63 100
 106 28.2 22.2 33.2





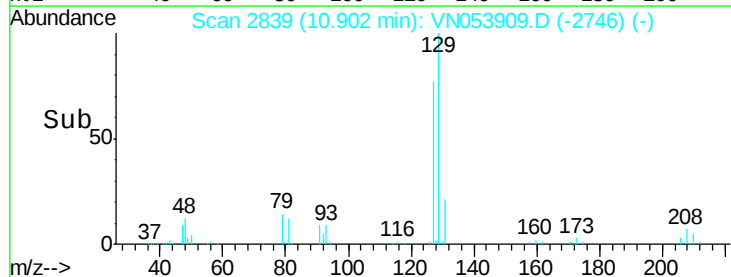
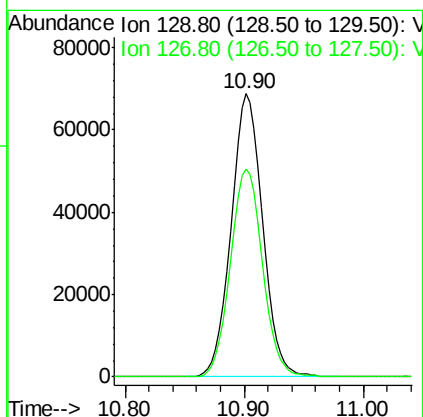
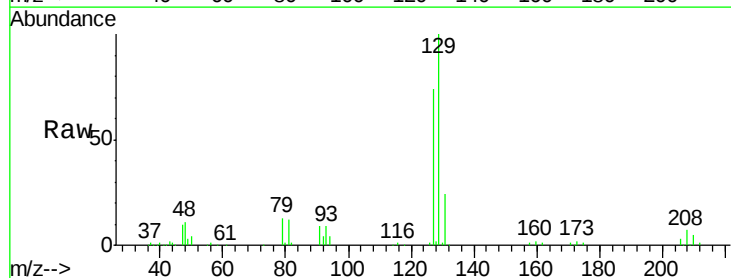
#59
2-Hexanone
Concen: 90.666 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN053909.D
Acq: 22 Feb 2019 12:12

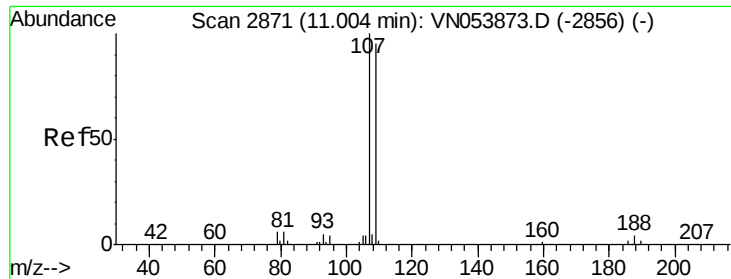
Tot Ion: 43 Resp: 269436
Ion Ratio Lower Upper
43 100
58 57.3 29.1 87.4



#60
Dibromochloromethane
Concen: 19.019 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN053909.D
Acq: 22 Feb 2019 12:12

Tgt Ion: 129 Resp: 126250
Ion Ratio Lower Upper
129 100
127 75.0 38.8 116.3





#61

1,2-Dibromoethane

Concen: 18.634 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN053909.D

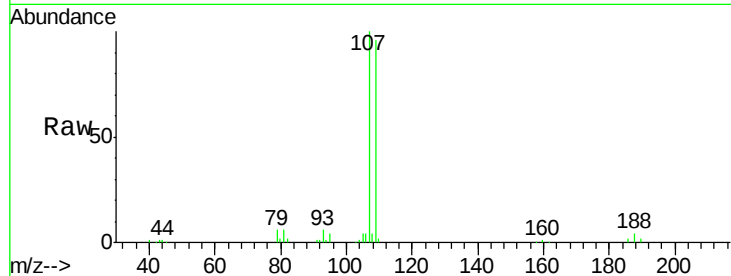
Acq: 22 Feb 2019 12:12

Tot Ion:107 Resp: 105284

Ion Ratio Lower Upper

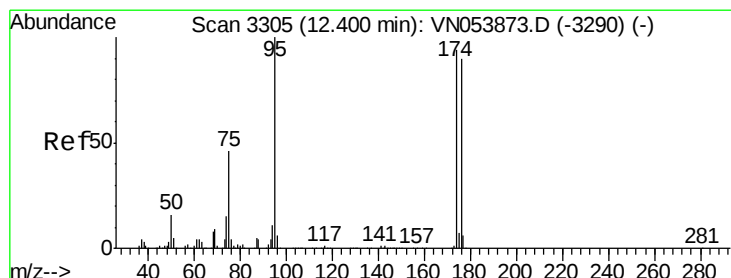
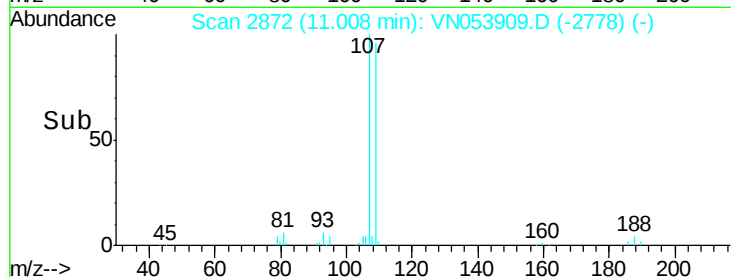
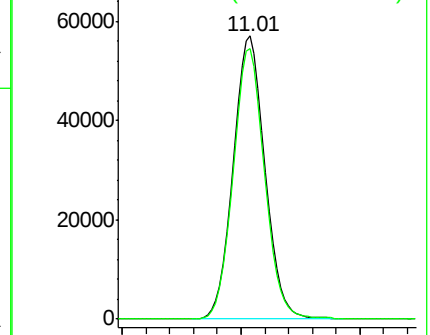
107 100

109 94.7 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.515 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053909.D

Acq: 22 Feb 2019 12:12

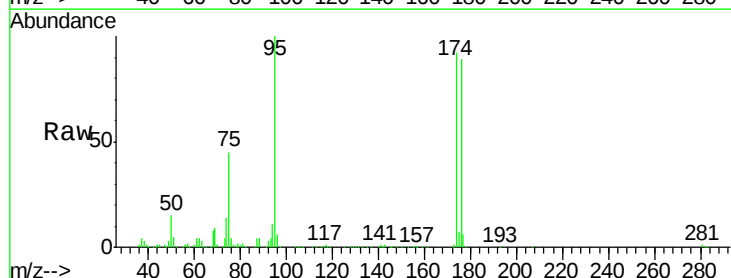
Tgt Ion: 95 Resp: 360221

Ion Ratio Lower Upper

95 100

174 94.8 0.0 188.8

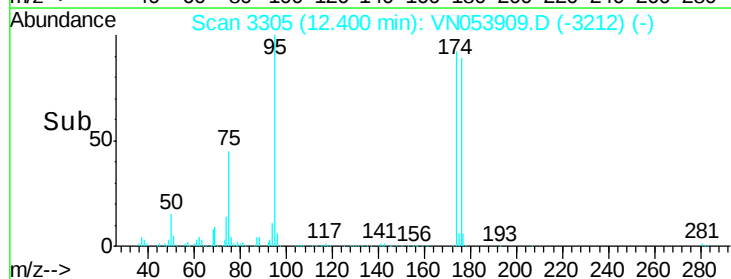
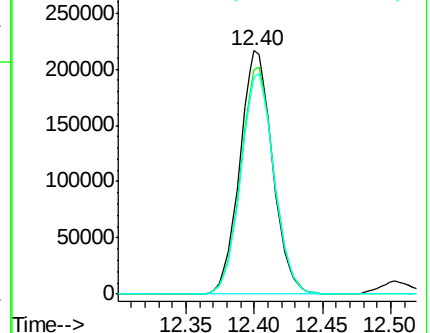
176 91.8 0.0 182.6

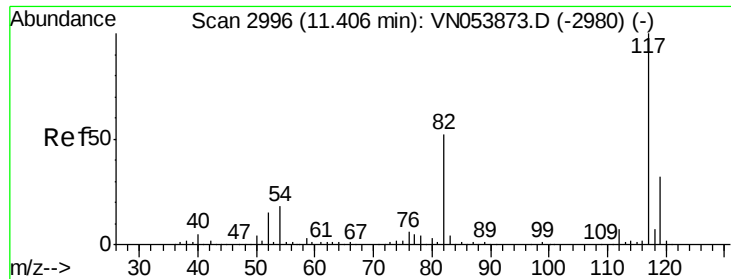


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN053909.D

Acq: 22 Feb 2019 12:12

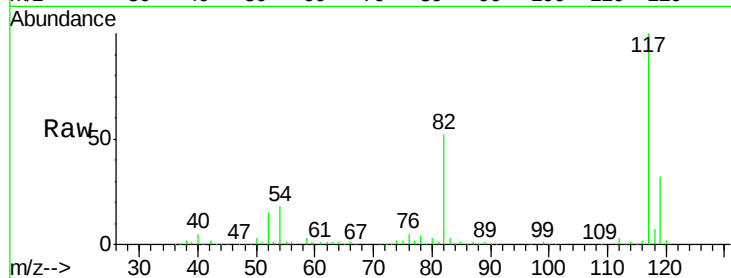
Tot Ion:117 Resp: 813239

Ion Ratio Lower Upper

117 100

82 51.9 41.4 62.2

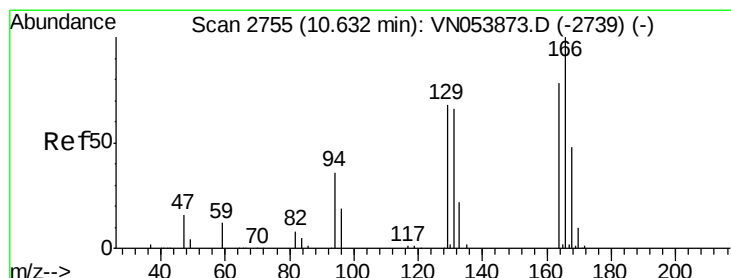
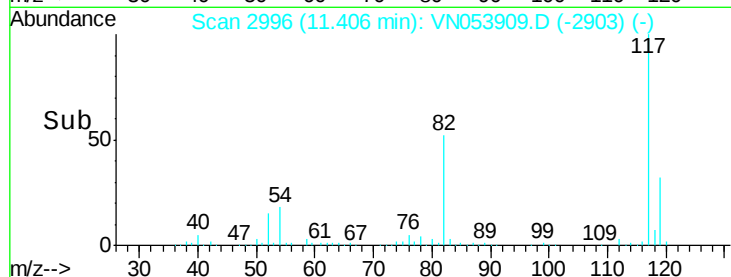
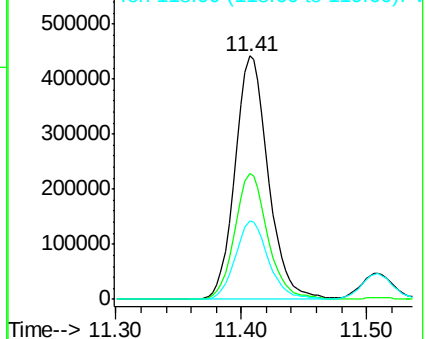
119 32.1 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 19.221 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. -0.00 min

Lab File: VN053909.D

Acq: 22 Feb 2019 12:12

Tgt Ion:164 Resp: 139774

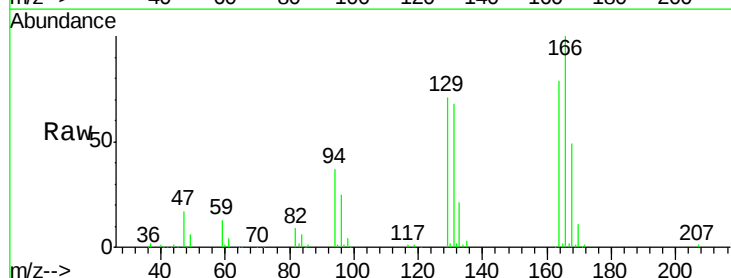
Ion Ratio Lower Upper

164 100

166 127.0 102.6 153.8

129 89.6 69.4 104.0

131 86.7 68.1 102.1

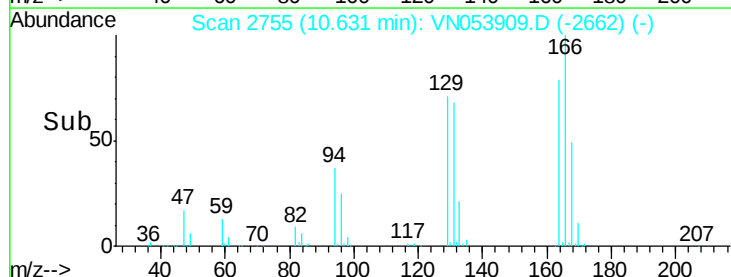
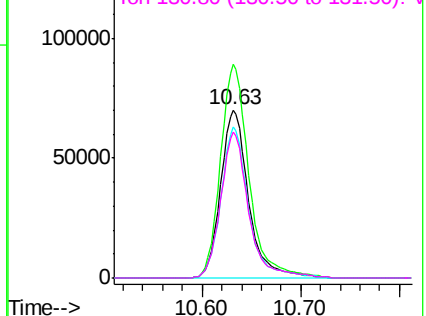


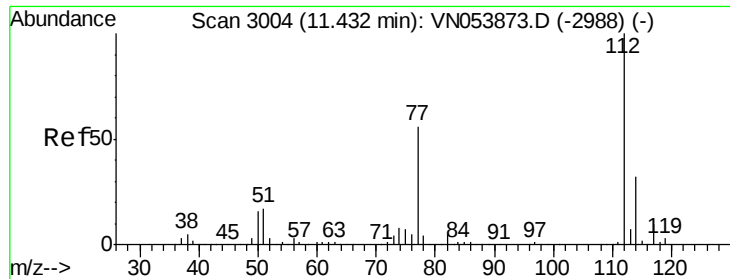
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

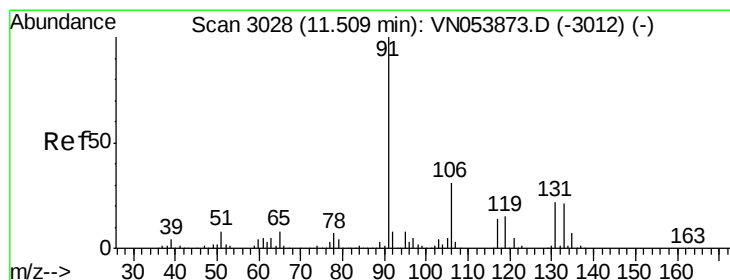
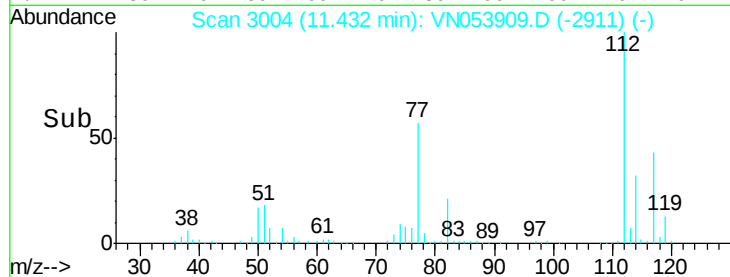
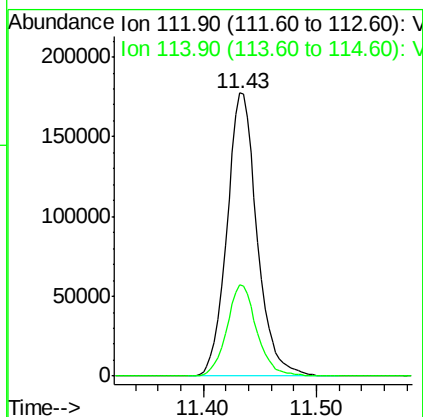
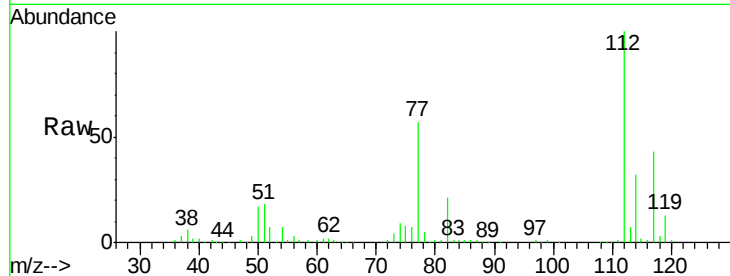
Ion 130.80 (130.50 to 131.50): V





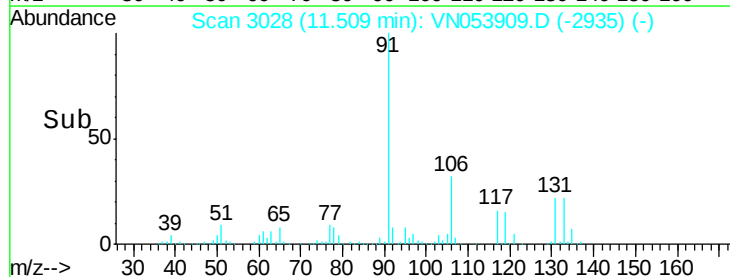
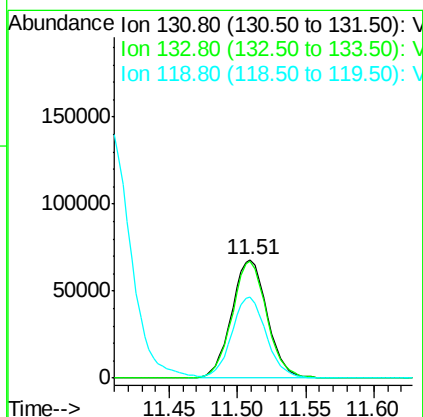
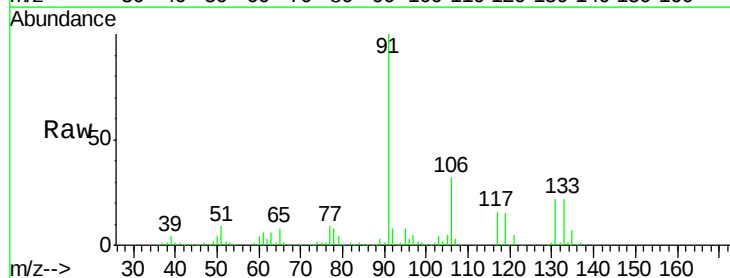
#65
Chlorobenzene
Concen: 19.263 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN053909.D
Acq: 22 Feb 2019 12:12

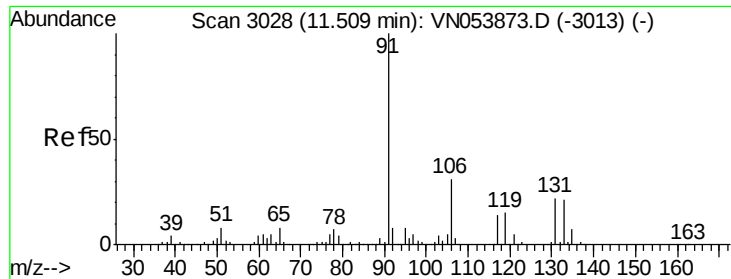
Tot Ion:112 Resp: 327895
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.880 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN053909.D
Acq: 22 Feb 2019 12:12

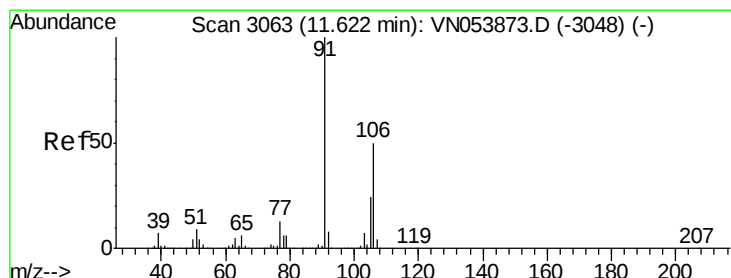
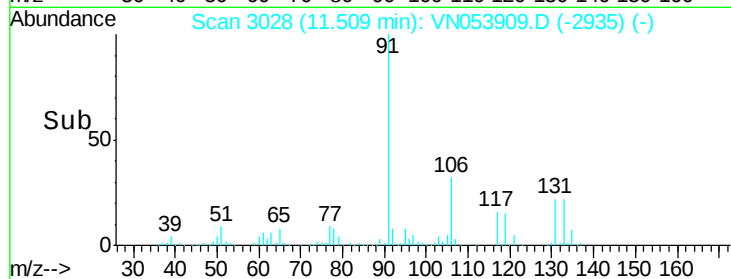
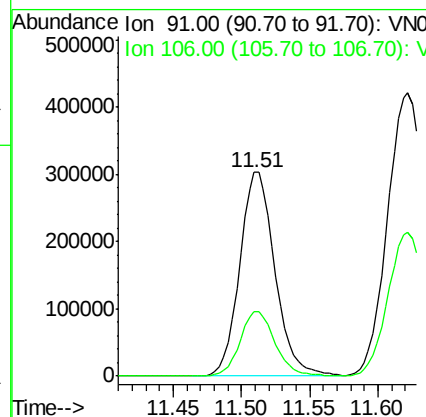
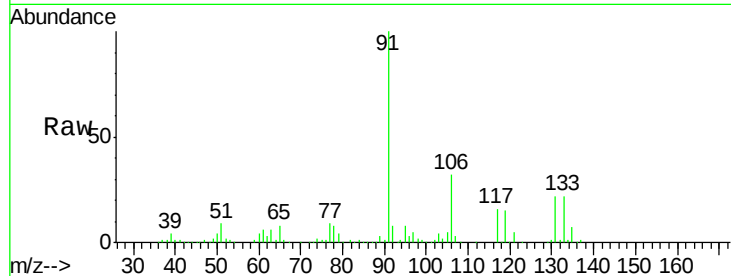
Tgt Ion:131 Resp: 123491
Ion Ratio Lower Upper
131 100
133 96.0 47.7 143.1
119 66.5 33.1 99.3





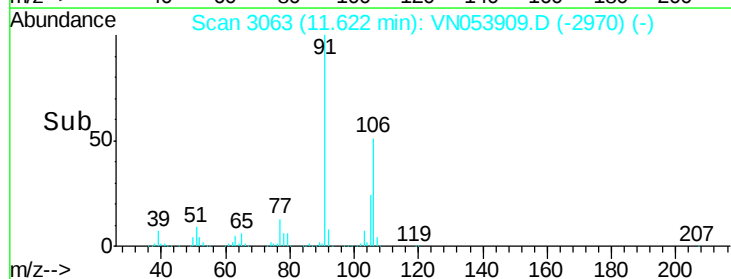
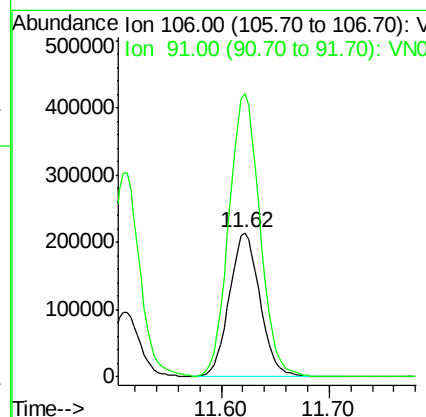
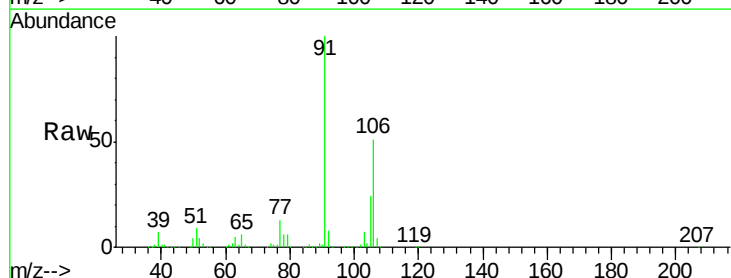
#67
Ethyl Benzene
Concen: 19.737 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN053909.D
Acq: 22 Feb 2019 12:12

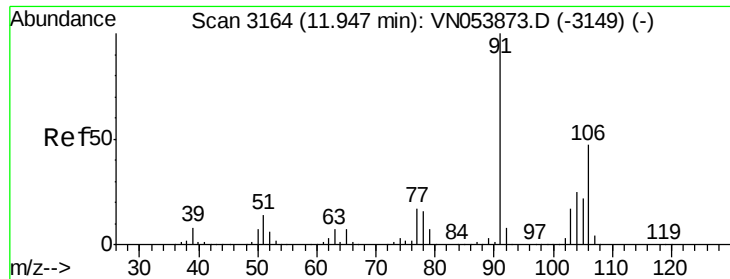
Tot Ion: 91 Resp: 543716
Ion Ratio Lower Upper
91 100
106 31.6 25.2 37.8



#68
m/p-Xylenes
Concen: 39.880 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN053909.D
Acq: 22 Feb 2019 12:12

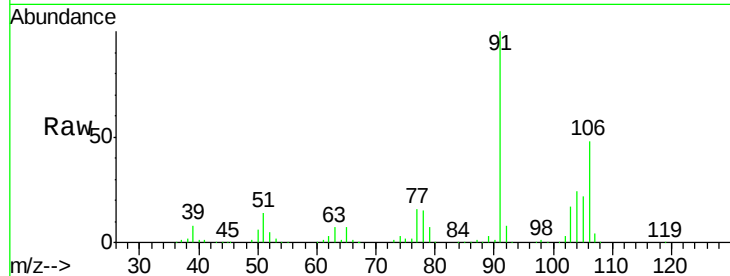
Tgt Ion: 106 Resp: 425384
Ion Ratio Lower Upper
106 100
91 198.1 158.9 238.3



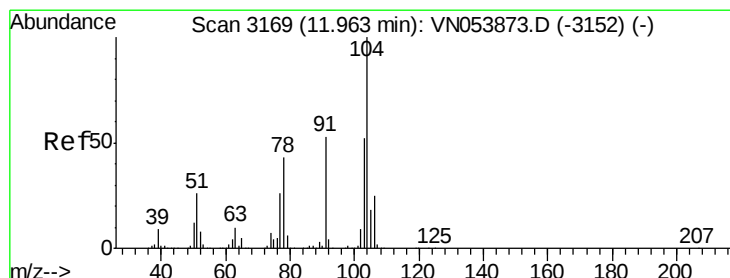
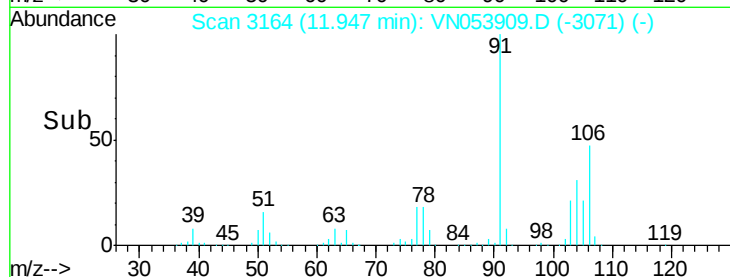
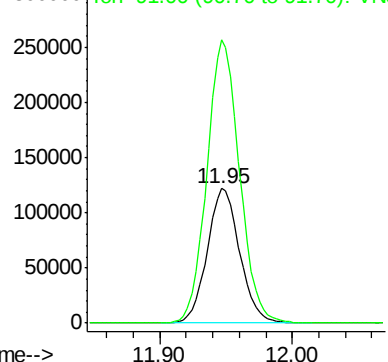


#69
o-Xylene
Concen: 20.214 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN053909.D
Acq: 22 Feb 2019 12:12

Tot Ion:106 Resp: 207575
Ion Ratio Lower Upper
106 100
91 210.8 106.0 318.0

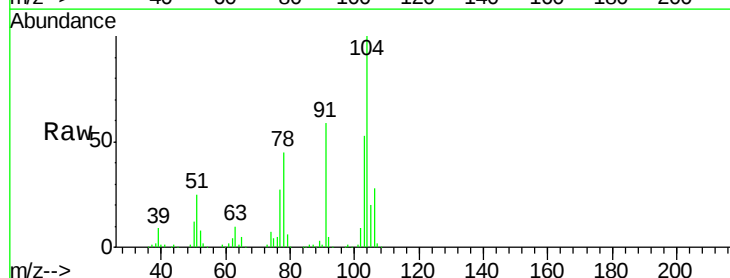


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

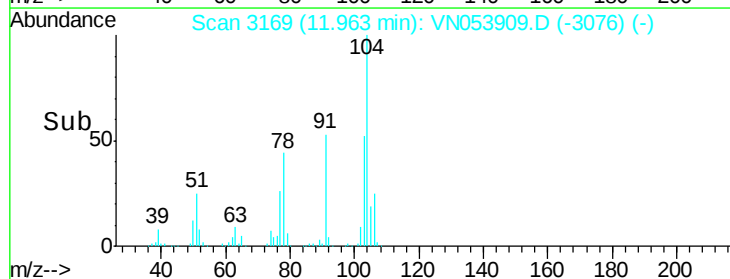
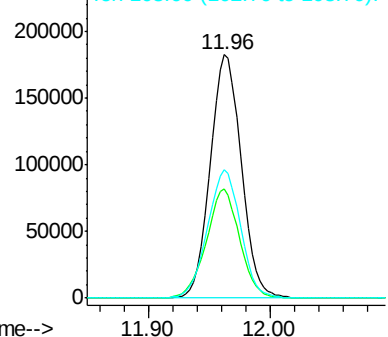


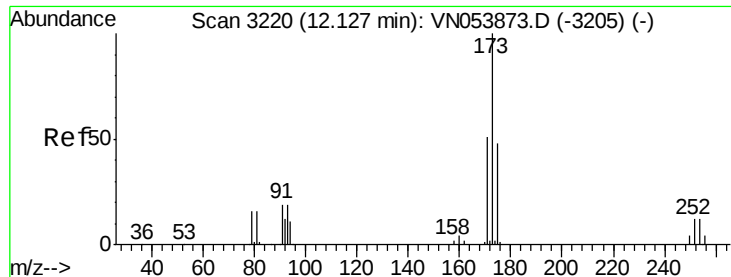
#70
Styrene
Concen: 19.916 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN053909.D
Acq: 22 Feb 2019 12:12

Tgt Ion:104 Resp: 320933
Ion Ratio Lower Upper
104 100
78 48.2 38.1 57.1
103 56.5 44.6 67.0



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





#71

Bromoform

Concen: 19.669 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN053909.D

Acq: 22 Feb 2019 12:12

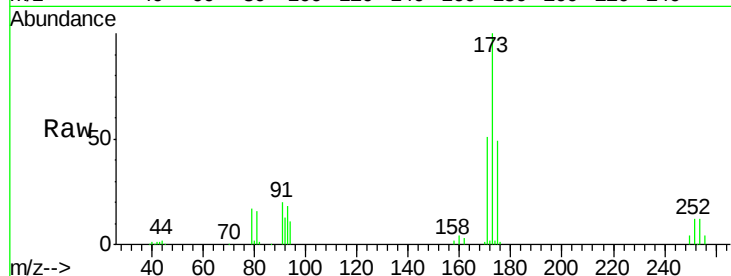
Tot Ion:173 Resp: 86707

Ion Ratio Lower Upper

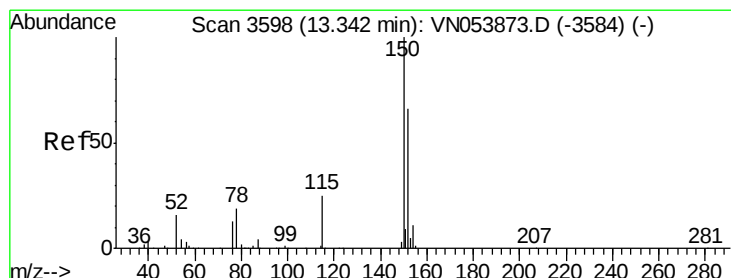
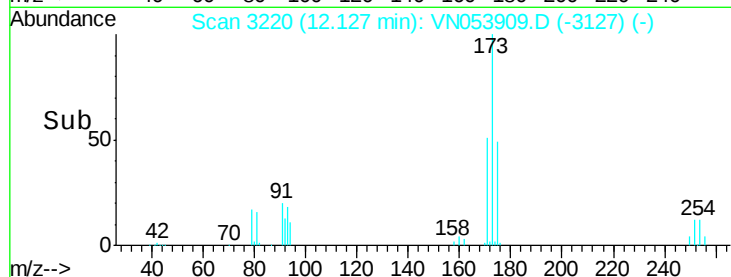
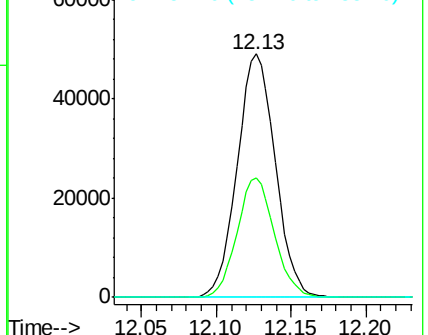
173 100

175 48.1 24.3 72.8

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053909.D

Acq: 22 Feb 2019 12:12

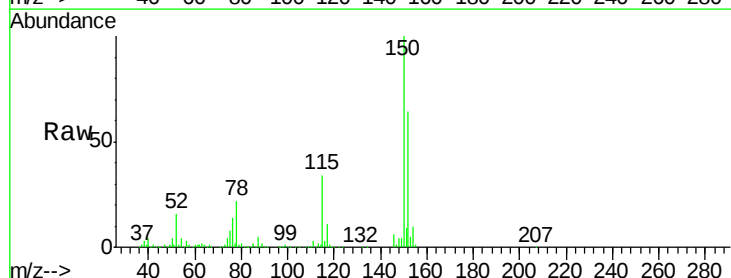
Tgt Ion:152 Resp: 368204

Ion Ratio Lower Upper

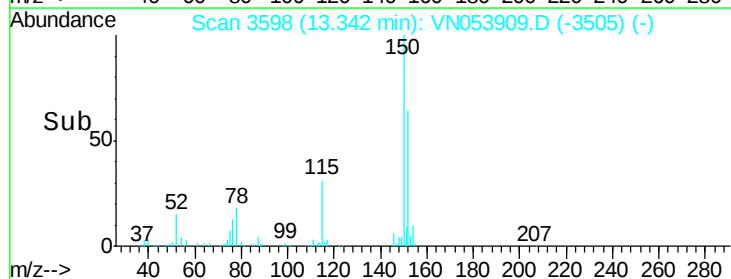
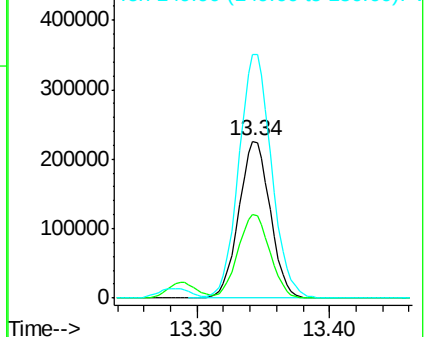
152 100

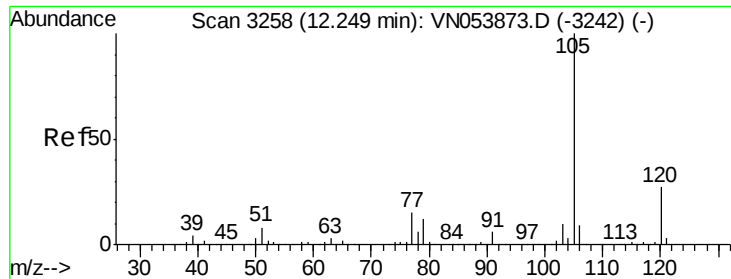
115 54.8 27.2 81.6

150 162.8 0.0 348.2



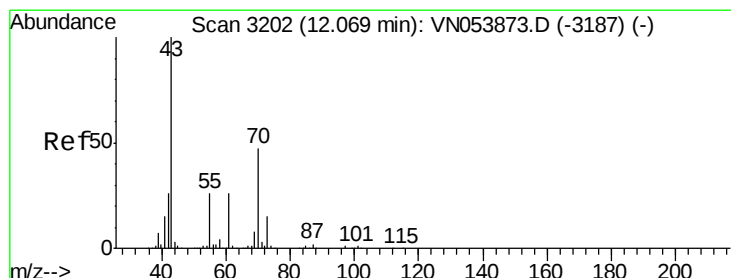
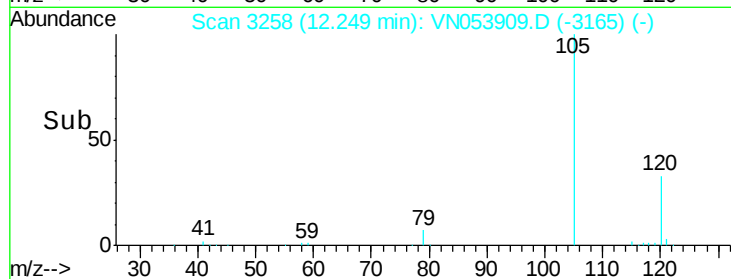
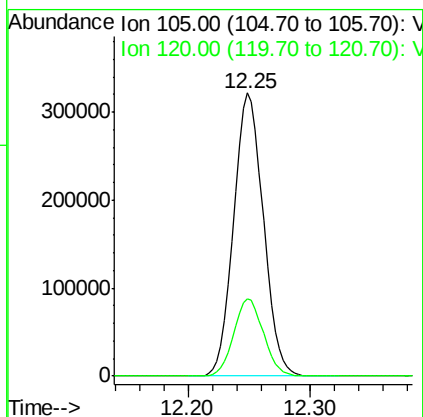
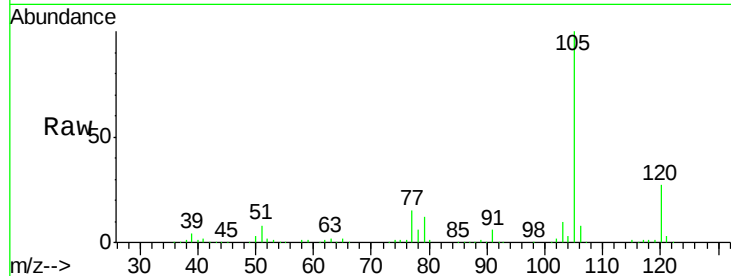
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





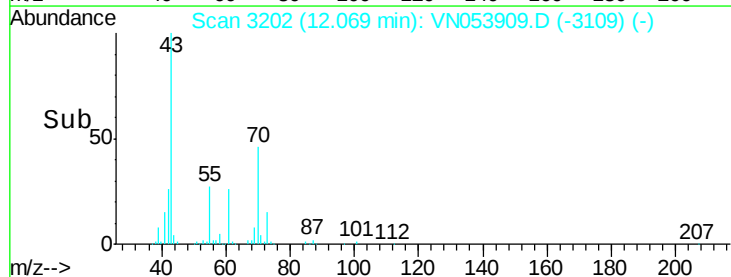
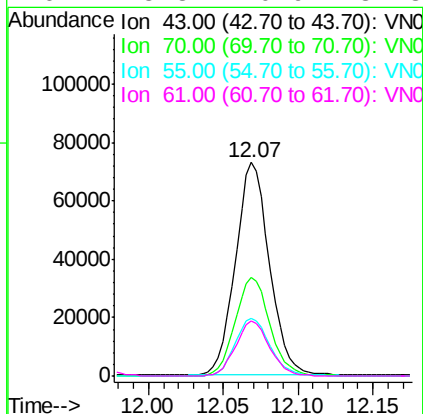
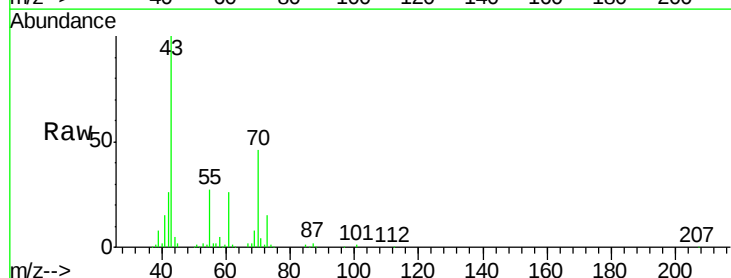
#73
Isopropylbenzene
Concen: 20.934 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN053909.D
Acq: 22 Feb 2019 12:12

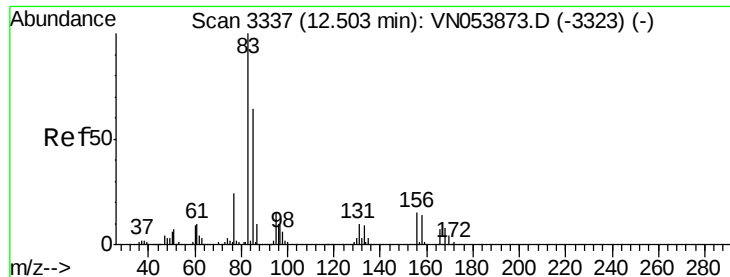
Tot Ion: 105 Resp: 543016
Ion Ratio Lower Upper
105 100
120 27.3 13.5 40.5



#74
N-ethyl acetate
Concen: 19.399 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. -0.00 min
Lab File: VN053909.D
Acq: 22 Feb 2019 12:12

Tgt Ion: 43 Resp: 115557
Ion Ratio Lower Upper
43 100
70 47.1 37.4 56.2
55 27.9 21.4 32.0
61 25.8 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.522 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN053909.D

Acq: 22 Feb 2019 12:12

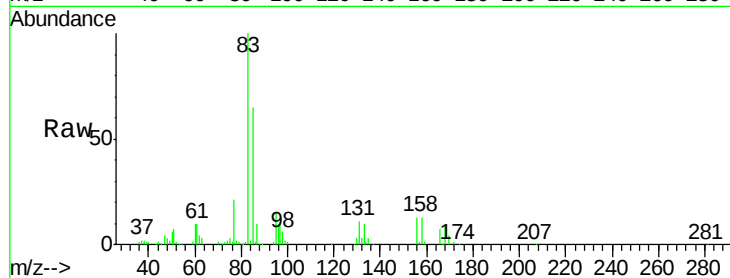
Tot Ion: 83 Resp: 125853

Ion	Ratio	Lower	Upper
83	100		
131	11.0	5.3	16.1
85	64.5	31.9	95.9

83 100

131 11.0 5.3 16.1

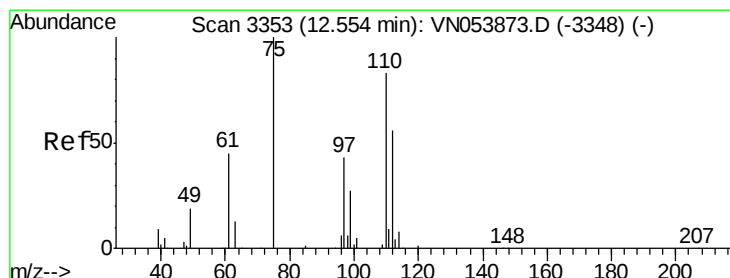
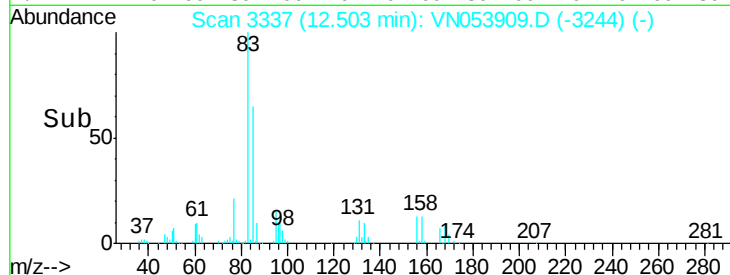
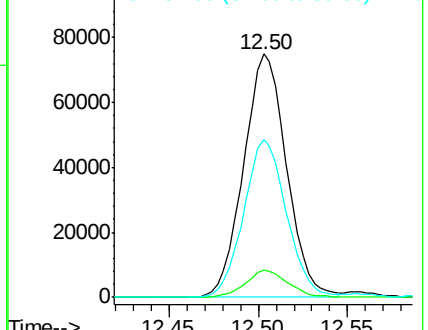
85 64.5 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN

Ion 84.90 (84.60 to 85.60): VN



#76

1,2,3-Trichloropropane

Concen: 28.105 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN053909.D

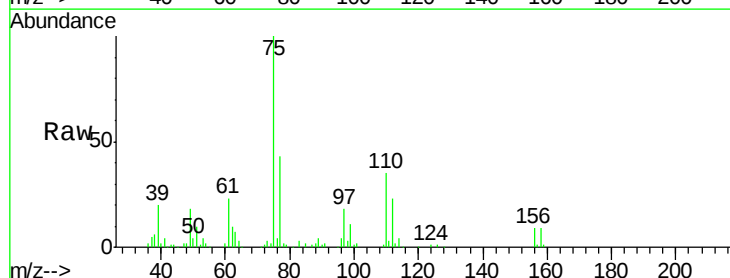
Acq: 22 Feb 2019 12:12

Tgt Ion: 75 Resp: 151917

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

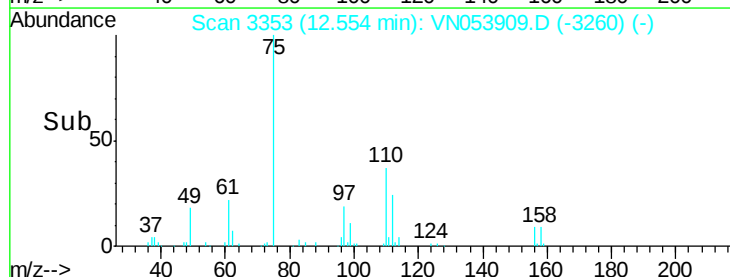
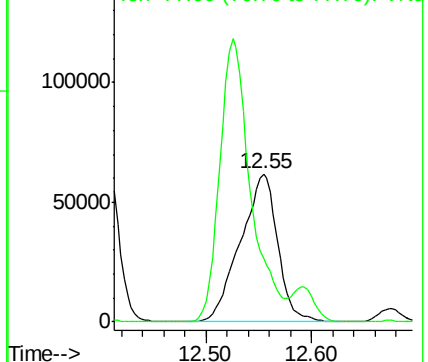
75 100

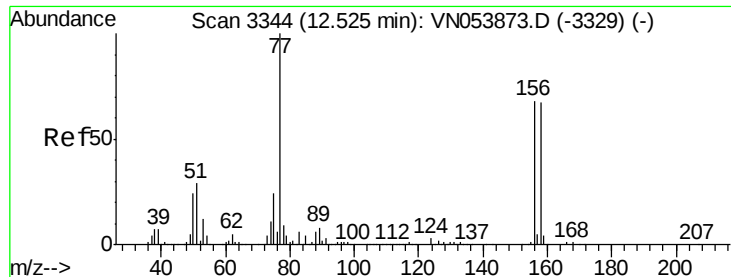
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.313 ug/l

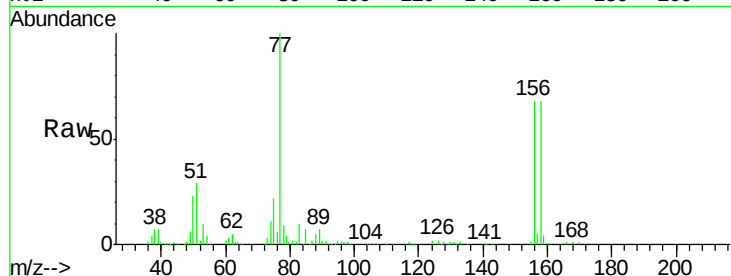
RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN053909.D

Acq: 22 Feb 2019 12:12

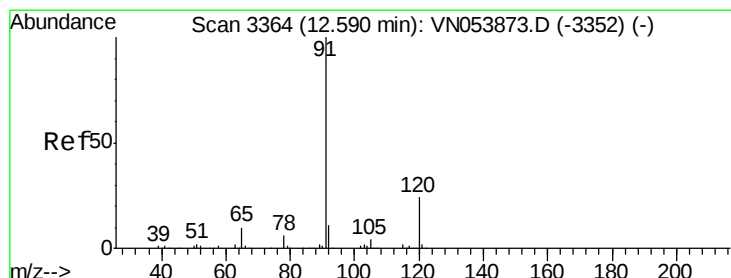
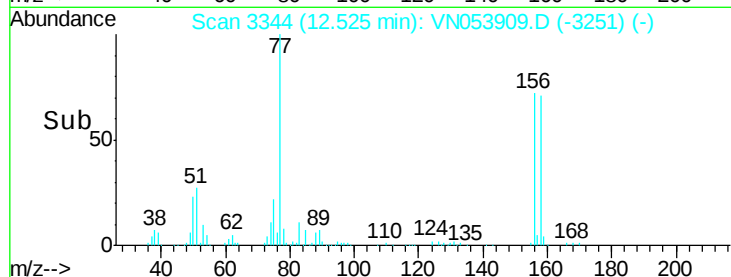
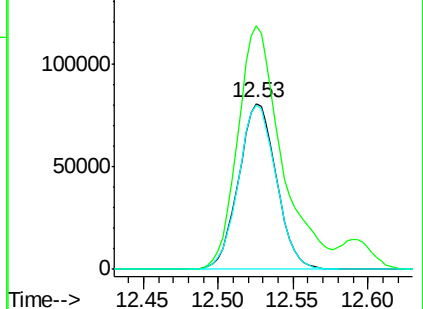
Tot Ion:	156	Resp:	141349
Ion	Ratio	Lower	Upper
156	100		
77	171.0	84.0	252.2
158	99.1	48.5	145.6



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: 21.001 ug/l

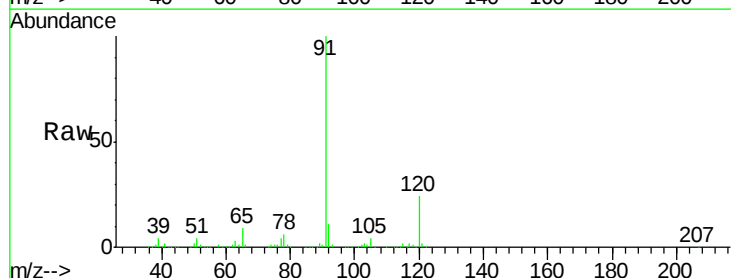
RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN053909.D

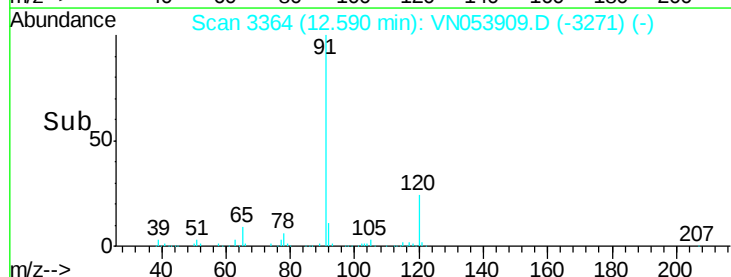
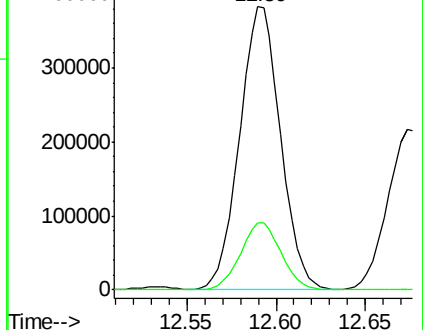
Acq: 22 Feb 2019 12:12

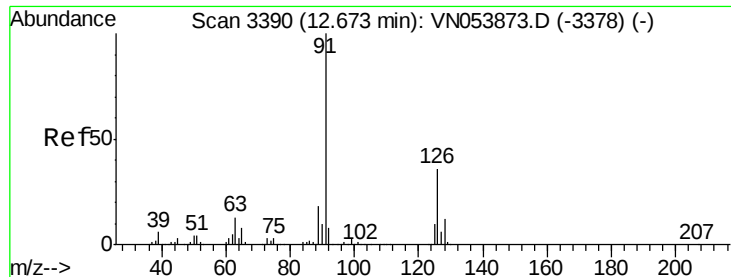
Tgt Ion:	91	Resp:	609170
Ion	Ratio	Lower	Upper
91	100		
120	23.9	11.9	35.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.918 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN053909.D

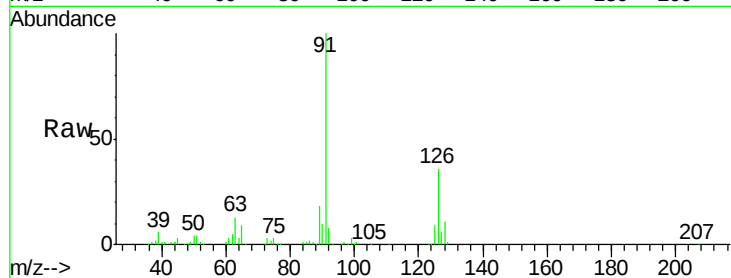
Acq: 22 Feb 2019 12:12

Tot Ion: 91 Resp: 365851

Ion Ratio Lower Upper

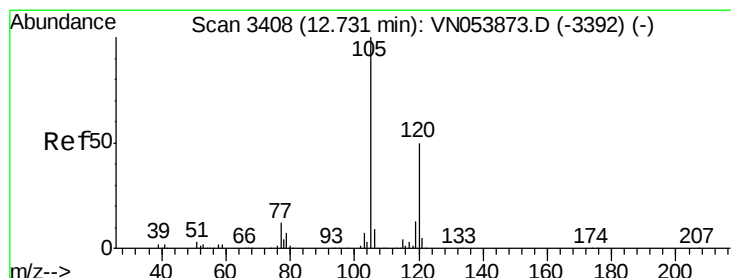
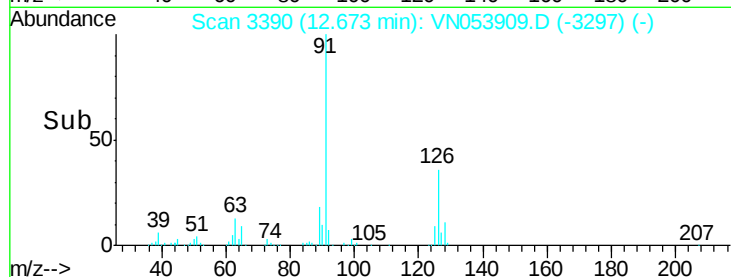
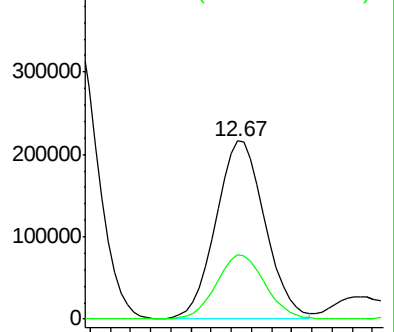
91 100

126 36.2 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VN053909.D (-3297) (-)

Ion 125.90 (125.60 to 126.60): VN053909.D (-3297) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.519 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN053909.D

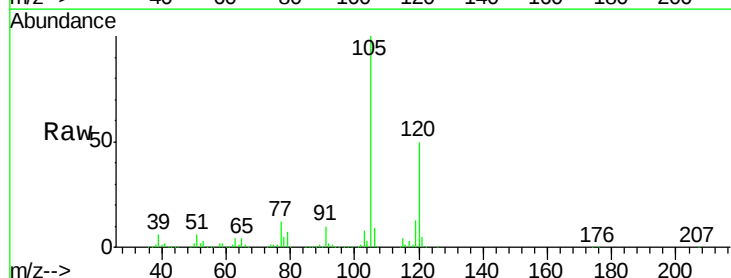
Acq: 22 Feb 2019 12:12

Tgt Ion: 105 Resp: 463321

Ion Ratio Lower Upper

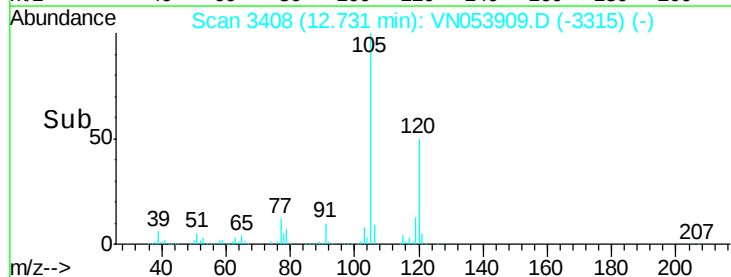
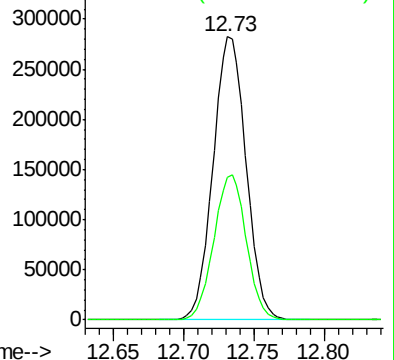
105 100

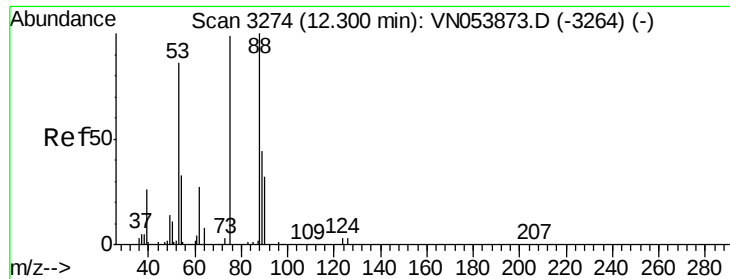
120 50.4 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): VN053909.D (-3315) (-)

Ion 120.00 (119.70 to 120.70): VN053909.D (-3315) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.280 ug/l

RT: 12.30 min Scan# 3274

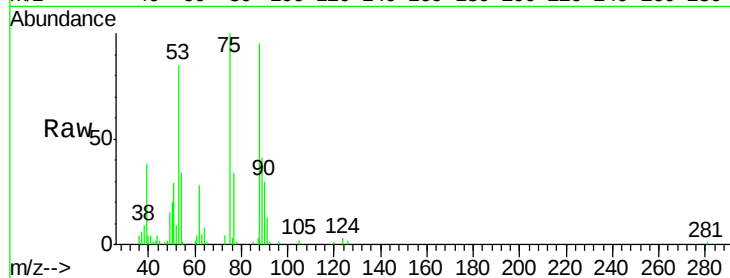
Delta R.T. -0.00 min

Lab File: VN053909.D

Acq: 22 Feb 2019 12:12

Tot Ion: 75 Resp: 31568

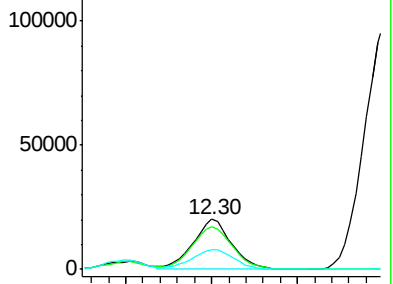
Ion	Ratio	Lower	Upper
75	100		
53	89.7	68.6	102.8
89	43.8	35.3	52.9



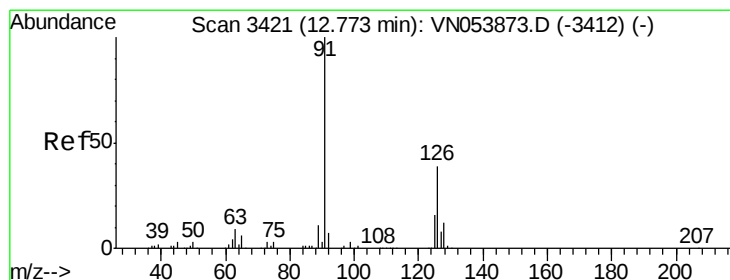
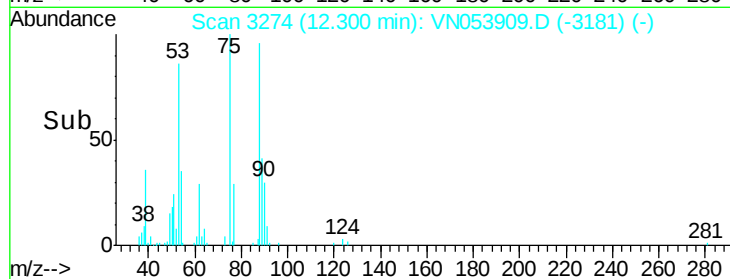
Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



Time-->



#82

4-Chlorotoluene

Concen: 20.386 ug/l

RT: 12.77 min Scan# 3421

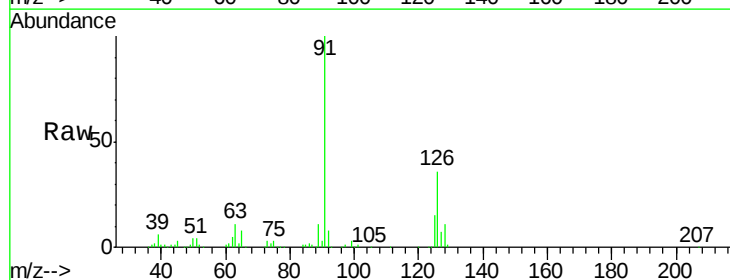
Delta R.T. -0.00 min

Lab File: VN053909.D

Acq: 22 Feb 2019 12:12

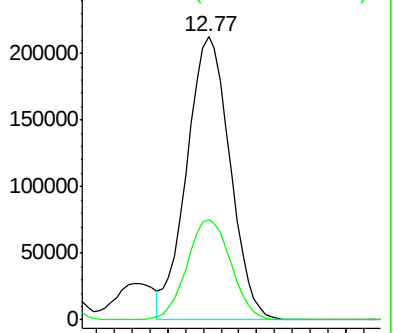
Tgt Ion: 91 Resp: 355218

Ion	Ratio	Lower	Upper
91	100		
126	36.0	18.0	54.0

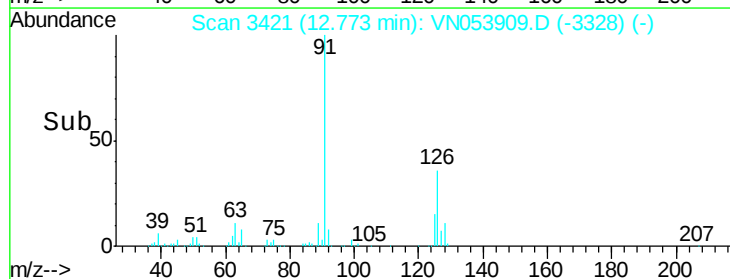


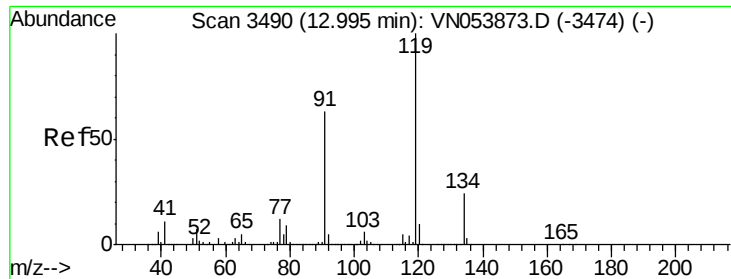
Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V



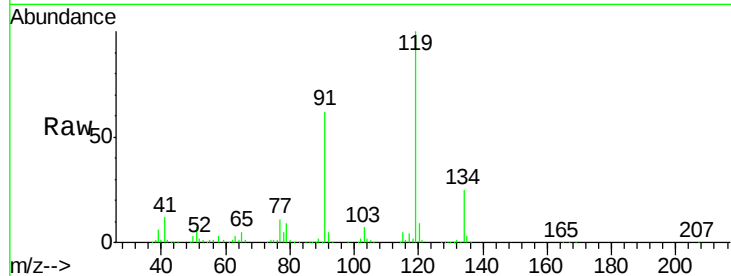
Time-->



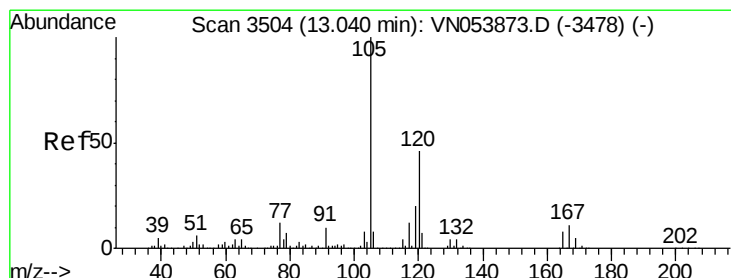
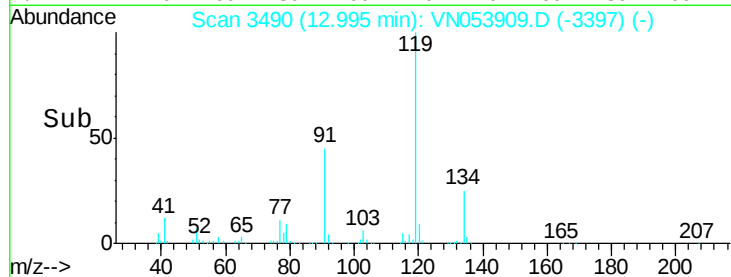
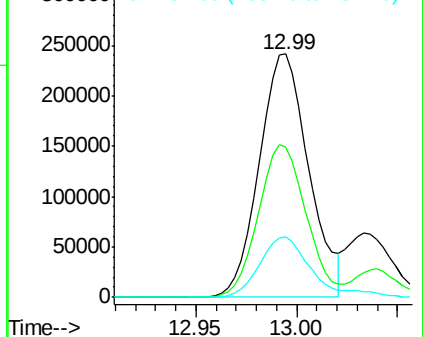


#83
tert-Butylbenzene
Concen: 21.386 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. -0.00 min
Lab File: VN053909.D
Acq: 22 Feb 2019 12:12

Tot Ion:119 Resp: 413463
Ion Ratio Lower Upper
119 100
91 60.3 30.6 91.8
134 26.0 13.0 39.0

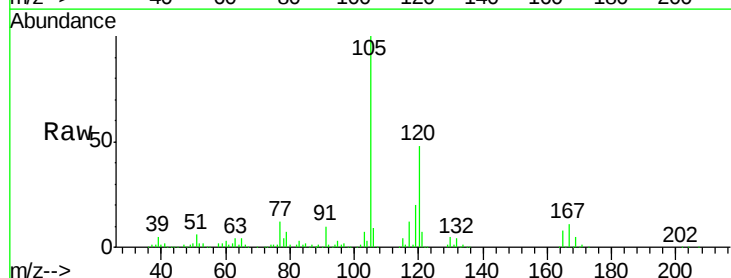


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

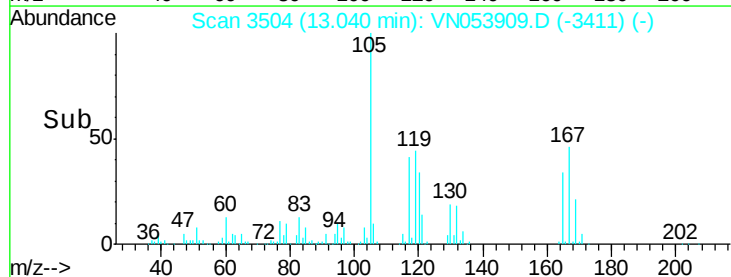
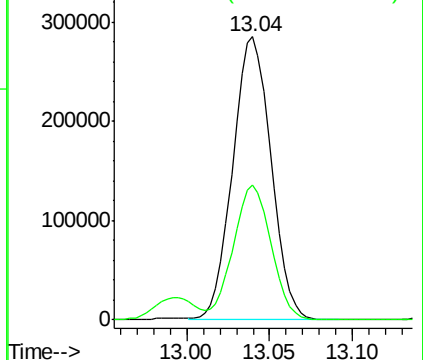


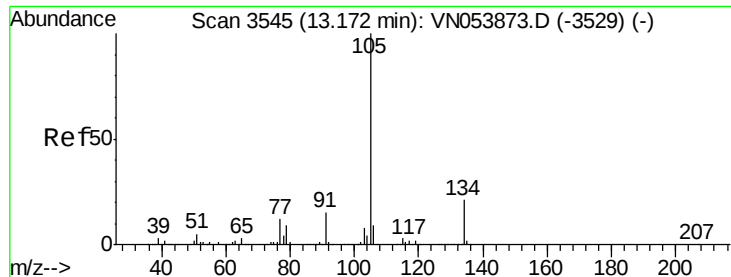
#84
1,2,4-Trimethylbenzene
Concen: 21.213 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN053909.D
Acq: 22 Feb 2019 12:12

Tgt Ion:105 Resp: 458096
Ion Ratio Lower Upper
105 100
120 47.1 23.2 69.5



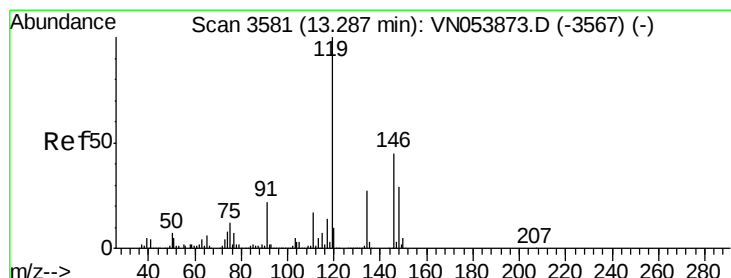
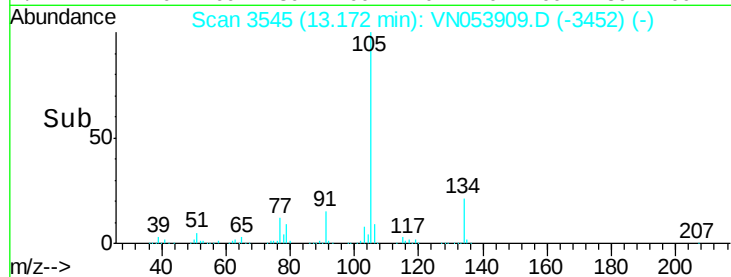
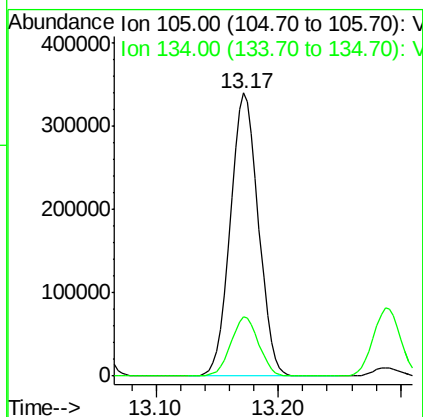
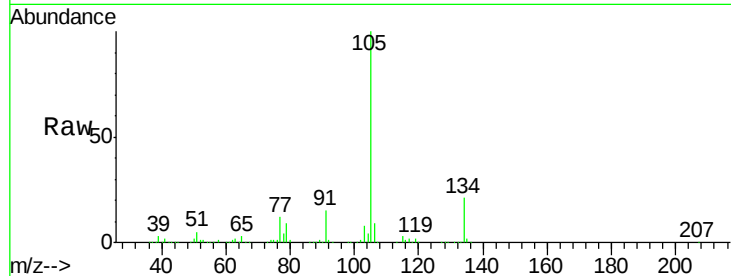
Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





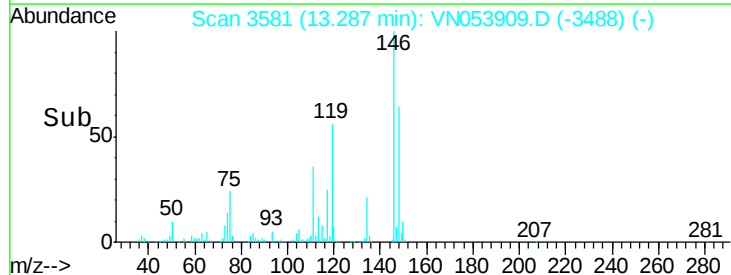
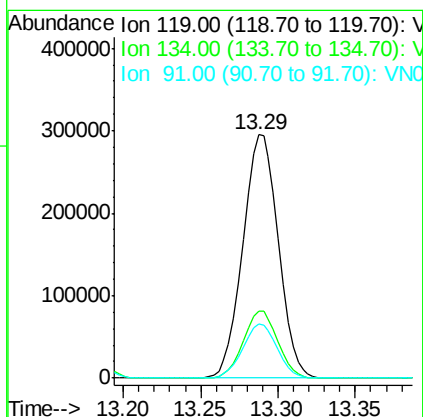
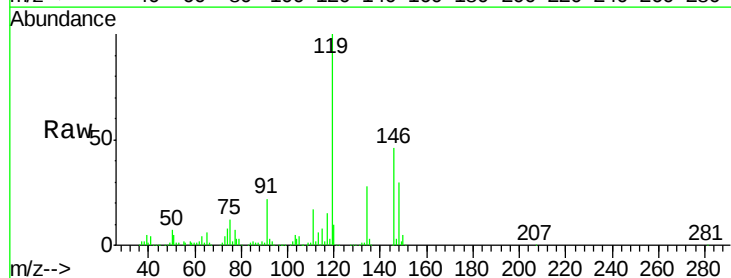
#85
 sec-Butylbenzene
 Concen: 20.864 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN053909.D
 Acq: 22 Feb 2019 12:12

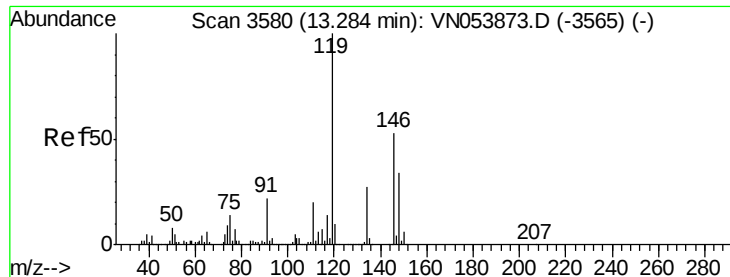
Tot Ion:105 Resp: 543121
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 20.768 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN053909.D
 Acq: 22 Feb 2019 12:12

Tgt Ion:119 Resp: 469192
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.5 40.4
 91 21.7 10.9 32.6





#87

1,3-Dichlorobenzene

Concen: 19.894 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN053909.D

Acq: 22 Feb 2019 12:12

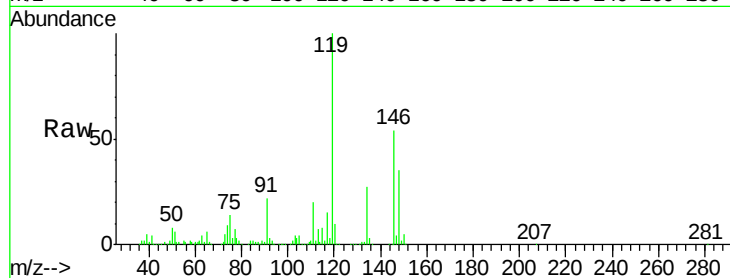
Tot Ion:146 Resp: 241558

Ion Ratio Lower Upper

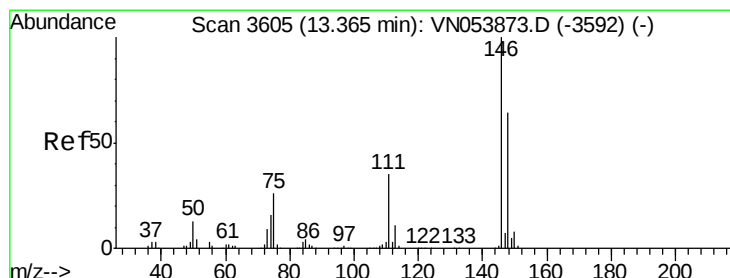
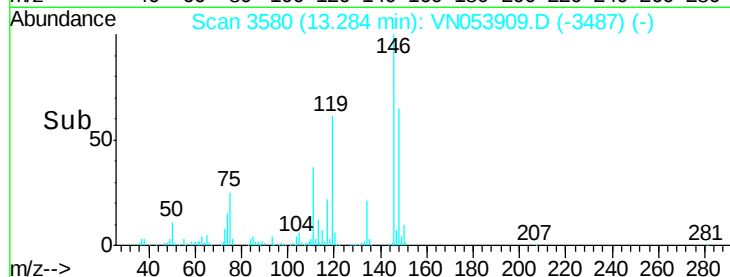
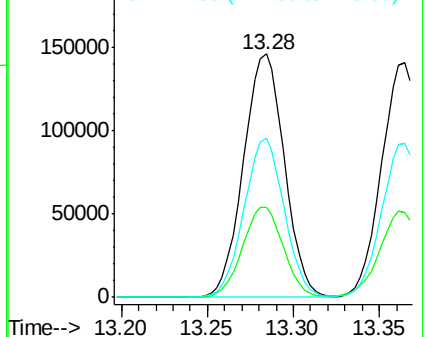
146 100

111 37.1 18.7 56.1

148 64.0 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: 19.182 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. -0.00 min

Lab File: VN053909.D

Acq: 22 Feb 2019 12:12

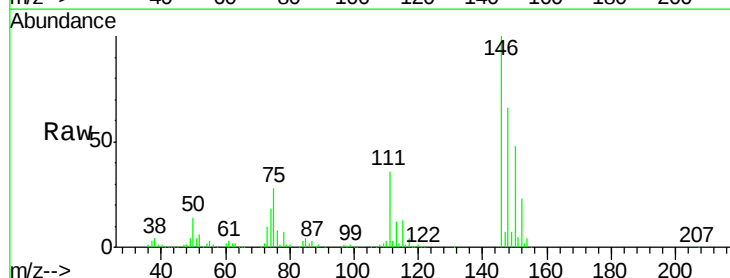
Tgt Ion:146 Resp: 234351

Ion Ratio Lower Upper

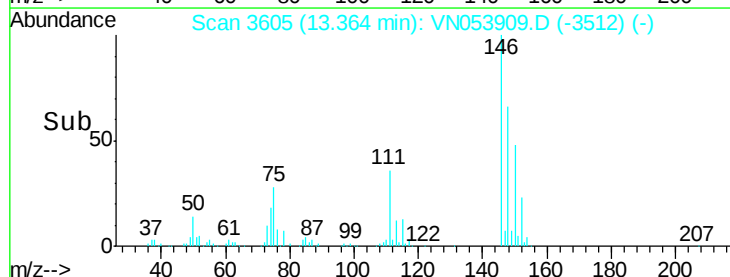
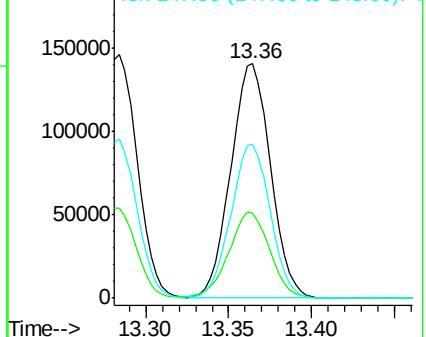
146 100

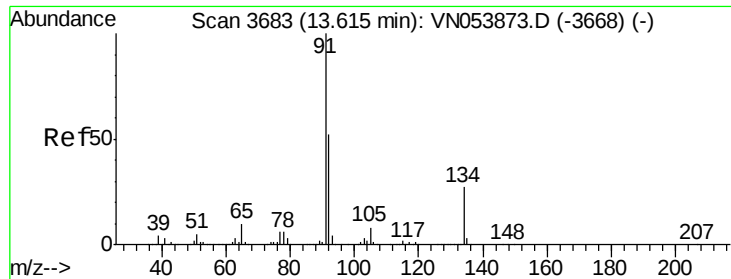
111 37.8 18.0 54.0

148 65.1 32.1 96.5



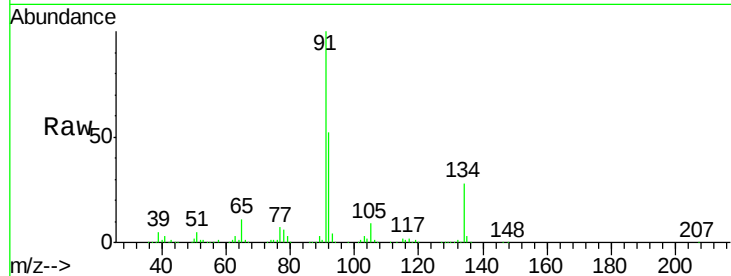
Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



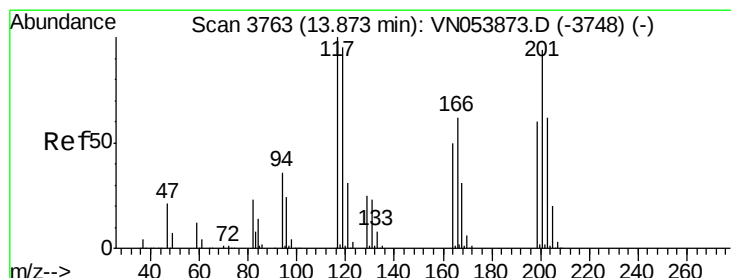
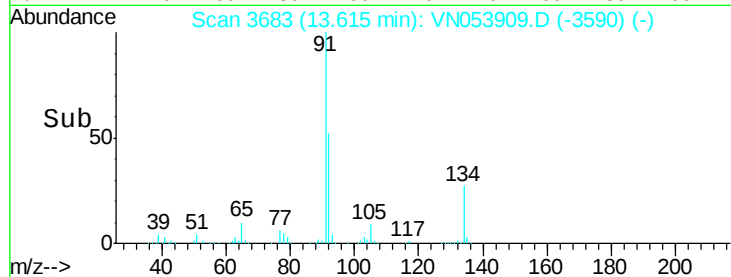
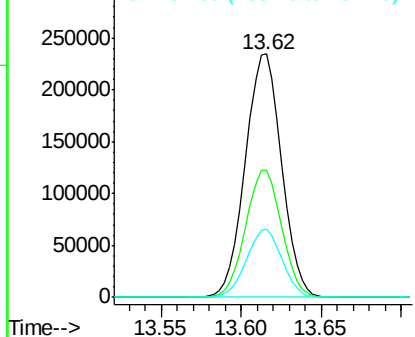


#89
n-Butylbenzene
Concen: 19.565 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN053909.D
Acq: 22 Feb 2019 12:12

Tot Ion: 91 Resp: 363485
Ion Ratio Lower Upper
91 100
92 51.7 26.1 78.2
134 27.4 13.6 40.8

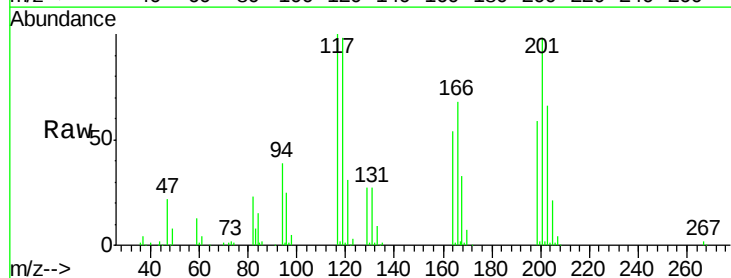


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): VN0

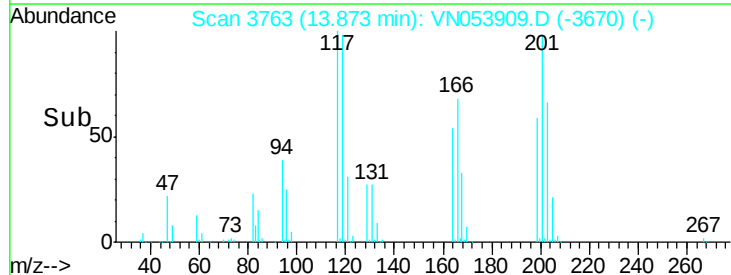
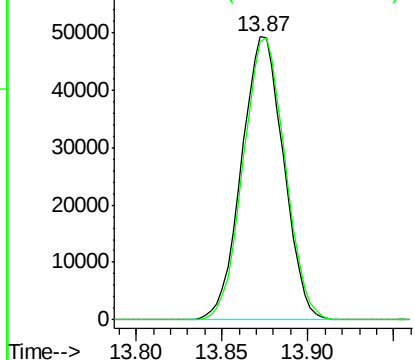


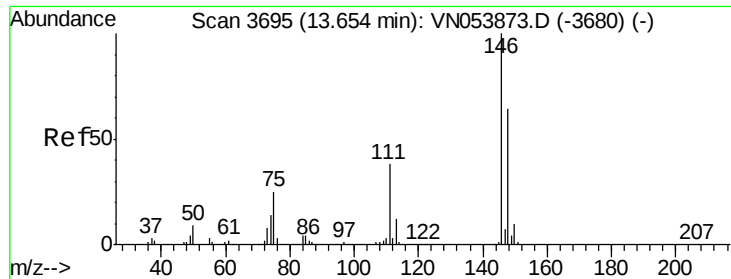
#90
Hexachloroethane
Concen: 19.374 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN053909.D
Acq: 22 Feb 2019 12:12

Tgt Ion: 117 Resp: 83617
Ion Ratio Lower Upper
117 100
201 99.1 48.0 144.2



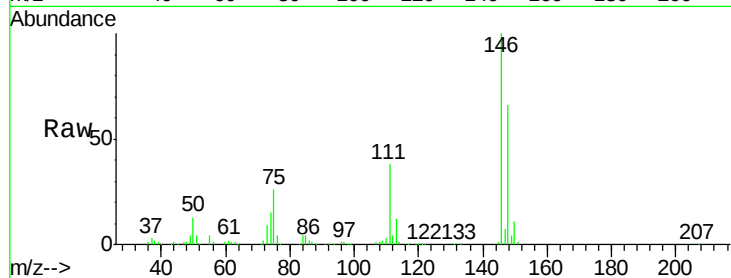
Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V



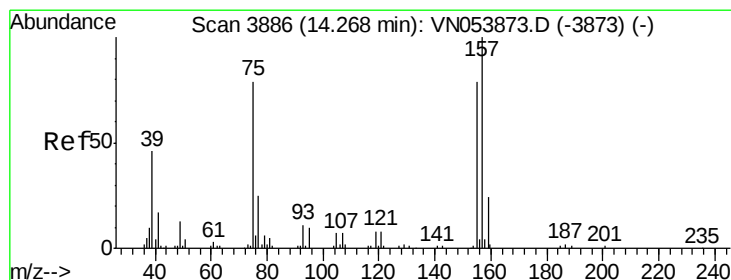
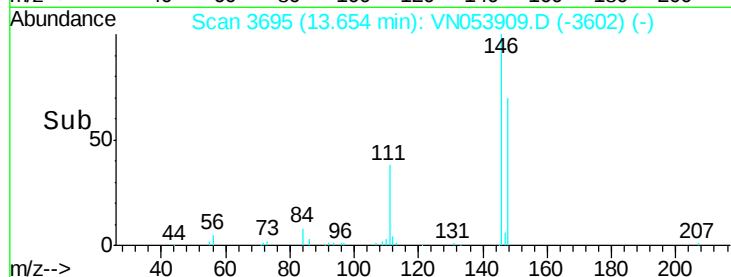
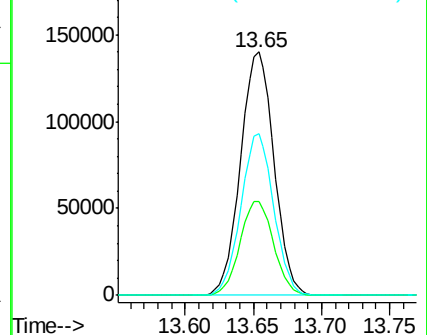


#91
 1,2-Dichlorobenzene
 Concen: 20.074 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN053909.D
 Acq: 22 Feb 2019 12:12

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.1	57.5
148	64.8	32.1	96.5

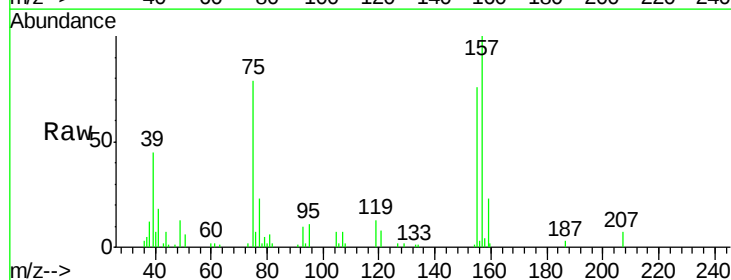


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

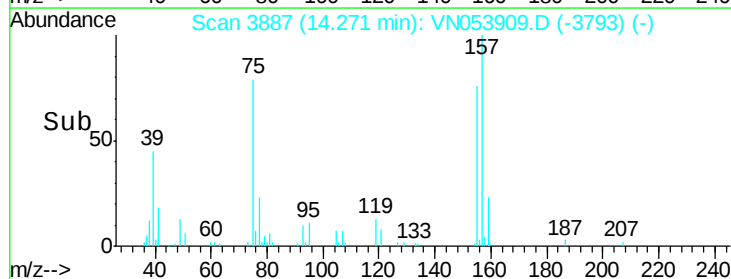
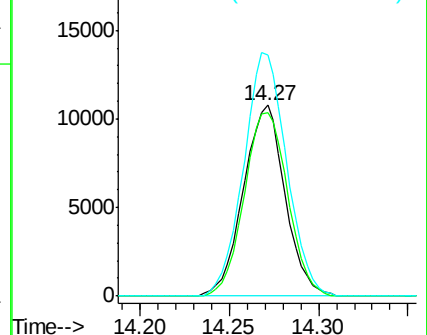


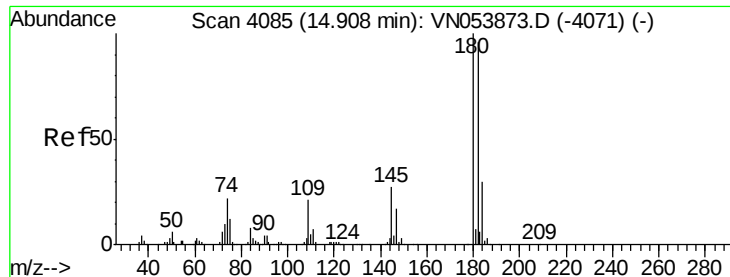
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.729 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN053909.D
 Acq: 22 Feb 2019 12:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.8	49.5	148.5
157	131.0	64.8	194.6



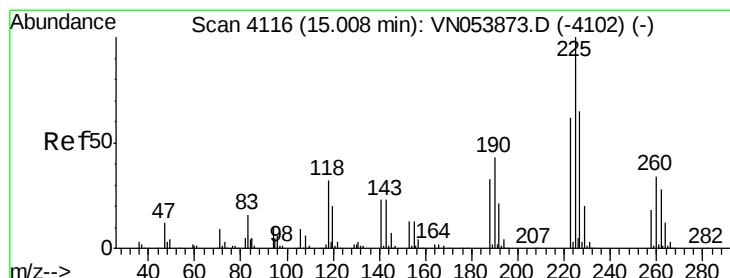
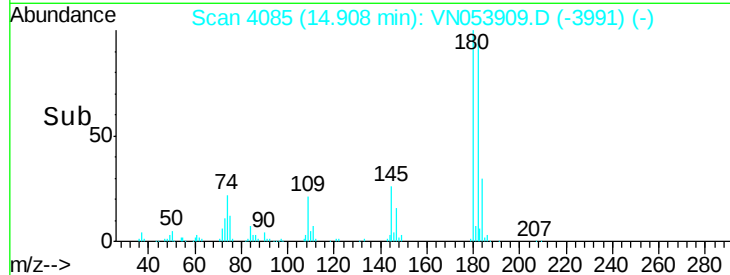
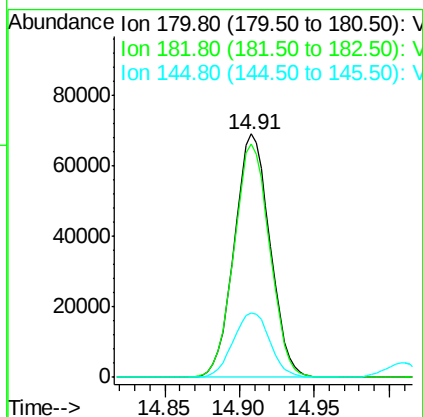
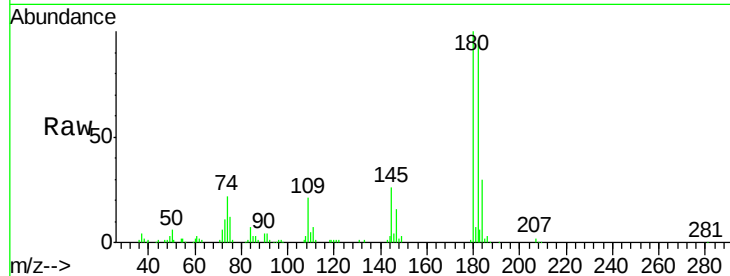
Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V





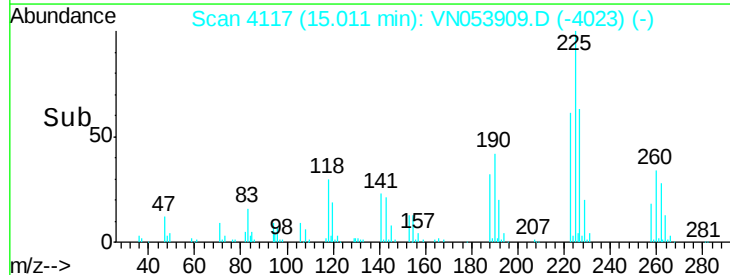
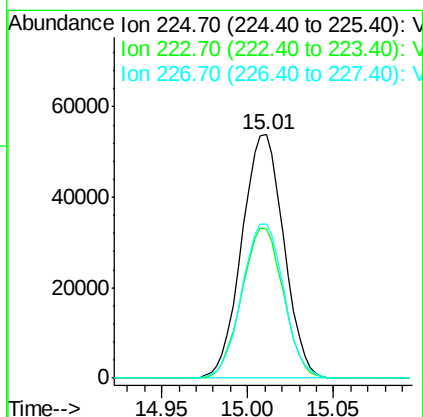
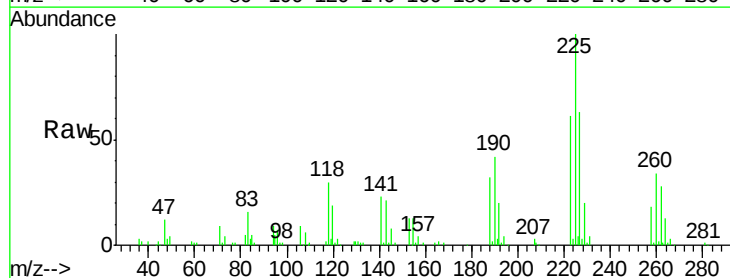
#93
 1,2,4-Trichlorobenzene
 Concen: 17.916 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN053909.D
 Acq: 22 Feb 2019 12:12

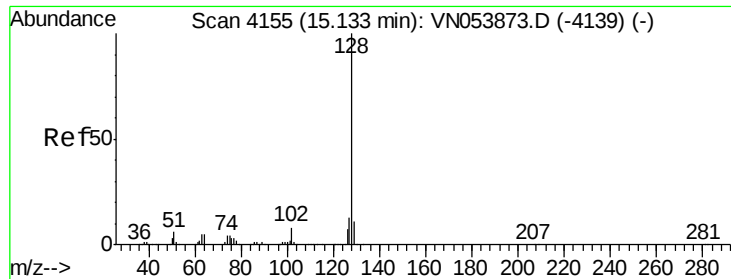
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	48.6	145.9
145	27.3	13.8	41.3



#94
 Hexachlorobutadiene
 Concen: 18.330 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN053909.D
 Acq: 22 Feb 2019 12:12

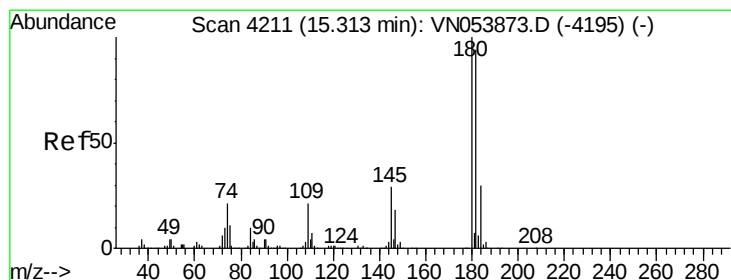
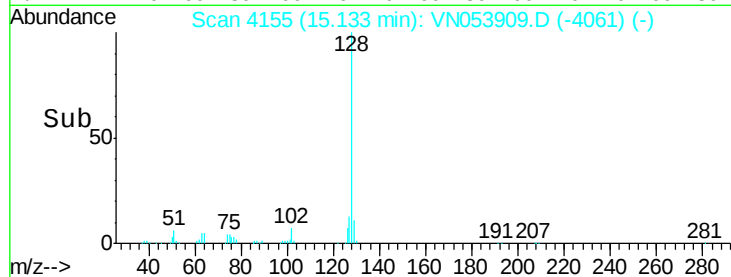
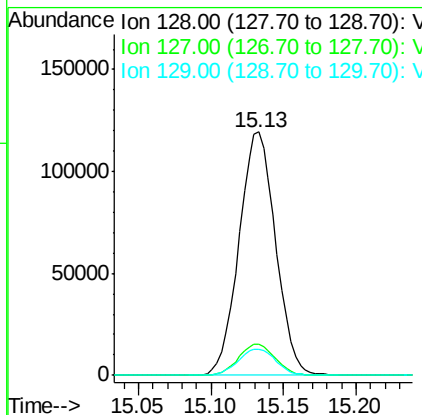
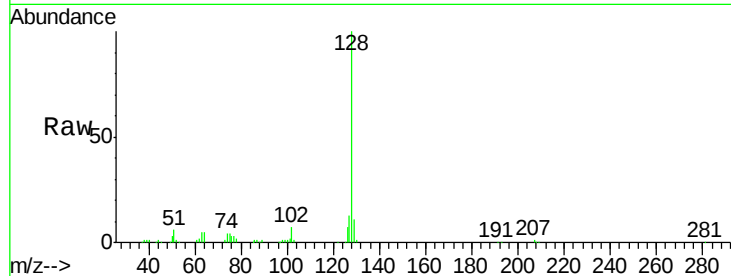
Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.2	30.9	92.5
227	63.2	32.5	97.4





#95
Naphthalene
Concen: 17.616 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053909.D
Acq: 22 Feb 2019 12:12

Tot Ion:128 Resp: 209278
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 11.0 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 18.309 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN053909.D
Acq: 22 Feb 2019 12:12

Tgt Ion:180 Resp: 113638
Ion Ratio Lower Upper
180 100
182 96.7 47.3 141.8
145 29.6 14.4 43.0

