

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022219\
 Data File : VN053904.D
 Acq On : 22 Feb 2019 9:39
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 22 22:22:26 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	7.66	168	825662	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1191362	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1015448	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	460585	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	394854	46.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.58%	
35) Dibromofluoromethane	7.59	113	390571	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
50) Toluene-d8	10.09	98	1451717	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
62) 4-Bromofluorobenzene	12.40	95	467686	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	296011	41.265	ug/l 99
3) Chloromethane	2.06	50	375316	42.085	ug/l 99
4) Vinyl Chloride	2.19	62	405444	42.353	ug/l 99
5) Bromomethane	2.56	94	300224	42.825	ug/l 98
6) Chloroethane	2.70	64	269270	43.521	ug/l 98
7) Trichlorofluoromethane	3.02	101	579335	42.617	ug/l 100
8) Diethyl Ether	3.41	74	212462	44.460	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	371406	45.334	ug/l 100
10) Methyl Iodide	3.95	142	551806	45.420	ug/l 99
11) Tert butyl alcohol	4.78	59	118440	224.846	ug/l 100
12) 1,1-Dichloroethene	3.74	96	347686	45.377	ug/l 99
13) Acrolein	3.60	56	125013	332.039	ug/l 99
14) Allyl chloride	4.32	41	541905	46.731	ug/l 98
15) Acrylonitrile	4.98	53	629879	237.362	ug/l 100
16) Acetone	3.81	43	567715	244.635	ug/l 98
17) Carbon Disulfide	4.05	76	1046315	44.090	ug/l 99
18) Methyl Acetate	4.32	43	253288	46.245	ug/l 99
19) Methyl tert-butyl Ether	5.04	73	928354	47.755	ug/l 99
20) Methylene Chloride	4.55	84	389453	44.826	ug/l 99
21) trans-1,2-Dichloroethene	5.04	96	376203	46.780	ug/l 100
22) Diisopropyl ether	5.95	45	1071286	49.558	ug/l 99
23) Vinyl Acetate	5.89	43	3801704	244.636	ug/l 100
24) 1,1-Dichloroethane	5.85	63	667779	45.627	ug/l 100
25) 2-Butanone	6.83	43	733075	244.805	ug/l 96
26) 2,2-Dichloropropane	6.82	77	526473	47.404	ug/l 100
27) cis-1,2-Dichloroethene	6.83	96	423847	47.048	ug/l 99
28) Bromochloromethane	7.19	49	312997	49.001	ug/l 98
29) Tetrahydrofuran	7.21	42	451661	233.220	ug/l 100
30) Chloroform	7.37	83	668869	45.483	ug/l 98
31) Cyclohexane	7.65	56	626119	46.685	ug/l 98
32) 1,1,1-Trichloroethane	7.57	97	565699	44.959	ug/l 100
36) 1,1-Dichloropropene	7.79	75	519859	47.605	ug/l 100
37) Ethyl Acetate	6.92	43	303325	46.164	ug/l 99
38) Carbon Tetrachloride	7.77	117	511824	46.948	ug/l 100

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

39) Methylcyclohexane	9.08	83	651501	51.775	ug/l	99
40) Benzene	8.04	78	1563590	48.434	ug/l	100
41) Methacrylonitrile	7.17	41	152954	42.624	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	449812	46.738	ug/l	100
43) Isopropyl Acetate	8.16	43	516115	44.309	ug/l	99
44) Trichloroethene	8.83	130	444950	49.235	ug/l	98
45) 1,2-Dichloropropane	9.12	63	404706	49.103	ug/l	99
46) Dibromomethane	9.21	93	239606	48.282	ug/l	99
47) Bromodichloromethane	9.40	83	508872	48.607	ug/l	100
48) Methyl methacrylate	9.20	41	251852	50.429	ug/l	93
49) 1,4-Dioxane	9.20	88	76592	948.167	ug/l	96
51) 4-Methyl-2-Pentanone	9.98	43	1406996	235.489	ug/l	99
52) Toluene	10.16	92	951893	49.756	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	516485	50.805	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	609816	50.893	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	340522	48.691	ug/l	98
56) Ethyl methacrylate	10.43	69	410495	45.852	ug/l	99
57) 1,3-Dichloropropane	10.71	76	570140	48.418	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	738308	186.241	ug/l	100
59) 2-Hexanone	10.75	43	936507	256.264	ug/l	100
60) Dibromochloromethane	10.90	129	395802	48.486	ug/l	100
61) 1,2-Dibromoethane	11.00	107	331101	47.654	ug/l	99
64) Tetrachloroethene	10.63	164	430536	47.415	ug/l	98
65) Chlorobenzene	11.43	112	1027150	48.326	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	380325	49.035	ug/l	100
67) Ethyl Benzene	11.51	91	1730019	50.294	ug/l	100
68) m/p-Xylenes	11.62	106	1353117	101.593	ug/l	99
69) o-Xylene	11.95	106	644854	50.291	ug/l	99
70) Styrene	11.96	104	1044254	51.898	ug/l	100
71) Bromoform	12.13	173	268534	48.785	ug/l #	100
73) Isopropylbenzene	12.25	105	1688565	52.040	ug/l	99
74) N-amyl acetate	12.07	43	392758	52.710	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	385816	50.293	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	308939m	45.691	ug/l	
77) Bromobenzene	12.53	156	444473	51.064	ug/l	99
78) n-propylbenzene	12.59	91	1969539	54.280	ug/l	100
79) 2-Chlorotoluene	12.67	91	1148833	52.511	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1454760	54.013	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	108823	53.133	ug/l	99
82) 4-Chlorotoluene	12.77	91	1160411	53.239	ug/l	100
83) tert-Butylbenzene	12.99	119	1299735	53.743	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1476133	54.645	ug/l	100
85) sec-Butylbenzene	13.17	105	1717639	52.749	ug/l	100
86) p-Isopropyltoluene	13.29	119	1490409	52.738	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	763331	50.255	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	729619	47.741	ug/l	100
89) n-Butylbenzene	13.61	91	1209519	52.046	ug/l	100
90) Hexachloroethane	13.87	117	250057	46.317	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	712753	47.830	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	51246	45.779	ug/l	100

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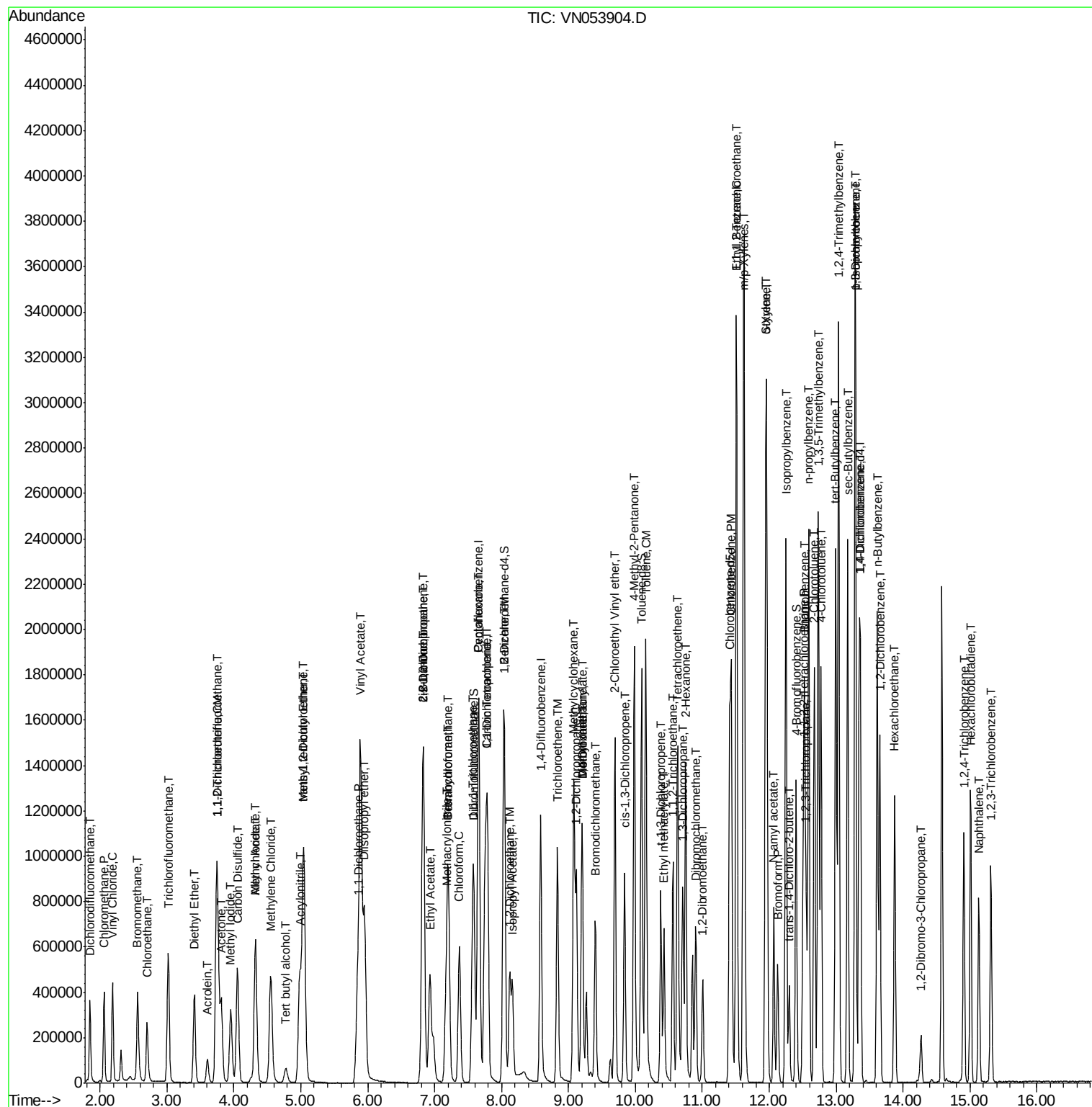
Quant Time: Feb 22 22:22:26 2019
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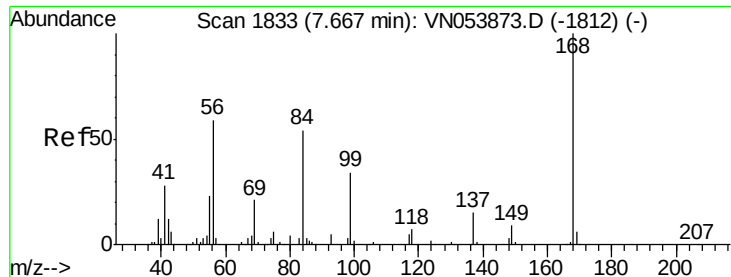
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	398194	44.454	ug/l	98
94) Hexachlorobutadiene	15.01	225	287369	46.241	ug/l	99
95) Naphthalene	15.13	128	732907	41.017	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	371707	43.737	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN053904.D

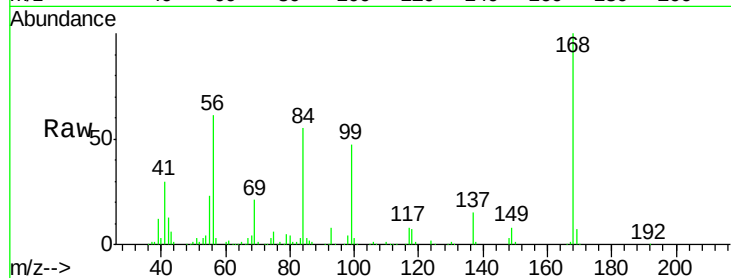
Acq: 22 Feb 2019 9:39

Tot Ion:168 Resp: 825662

Ion Ratio Lower Upper

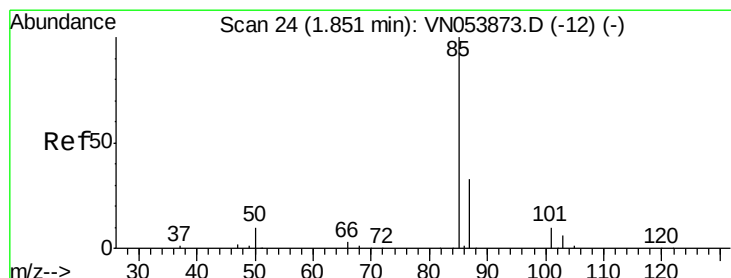
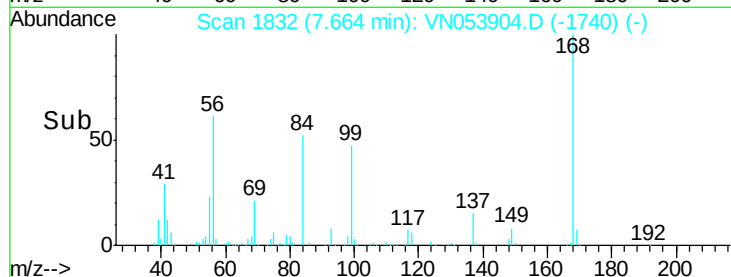
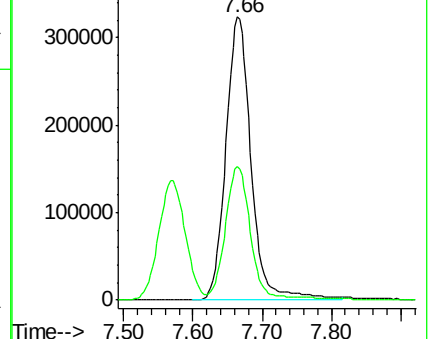
168 100

99 46.5 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 41.265 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN053904.D

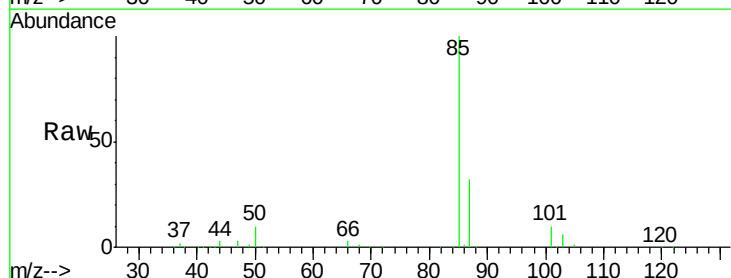
Acq: 22 Feb 2019 9:39

Tgt Ion: 85 Resp: 296011

Ion Ratio Lower Upper

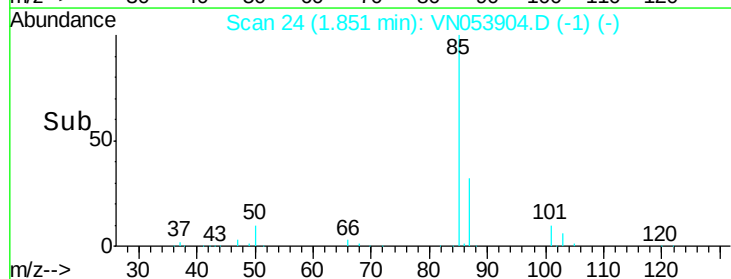
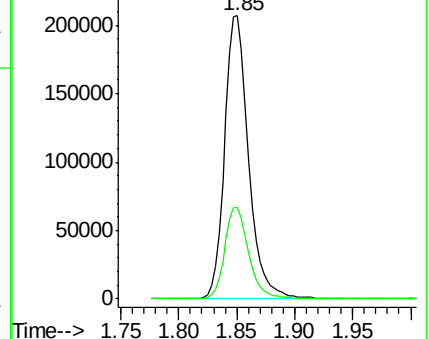
85 100

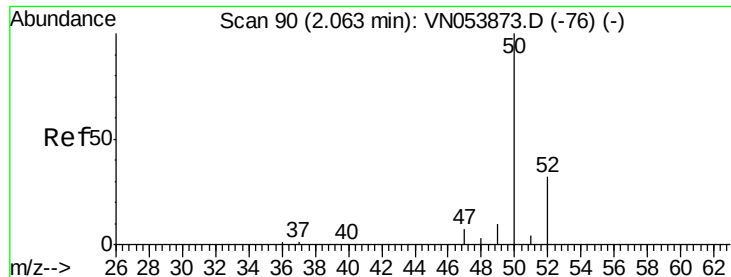
87 32.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 42.085 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN053904.D

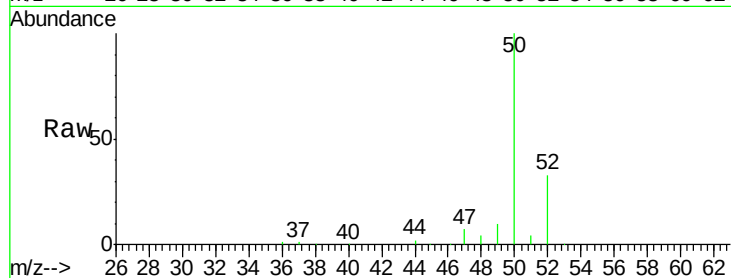
Acq: 22 Feb 2019 9:39

Tot Ion: 50 Resp: 375316

Ion Ratio Lower Upper

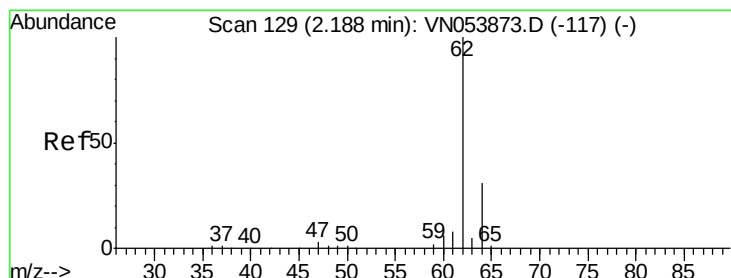
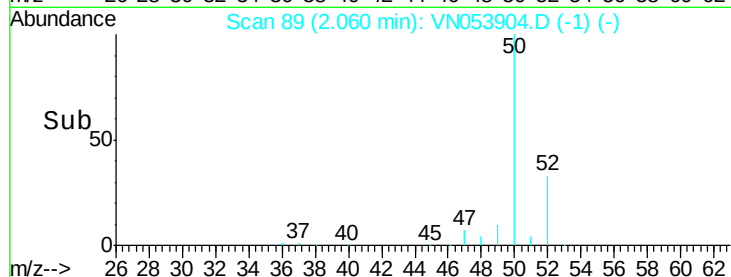
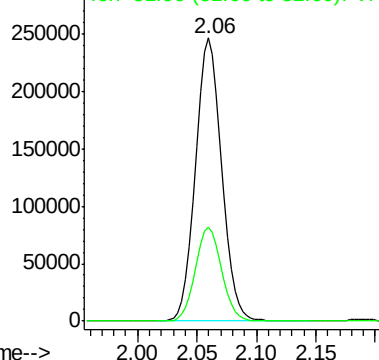
50 100

52 33.3 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: 42.353 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN053904.D

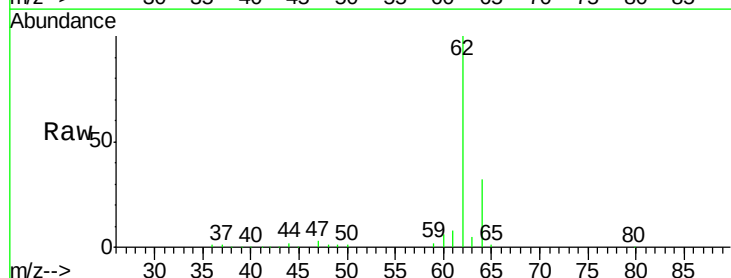
Acq: 22 Feb 2019 9:39

Tgt Ion: 62 Resp: 405444

Ion Ratio Lower Upper

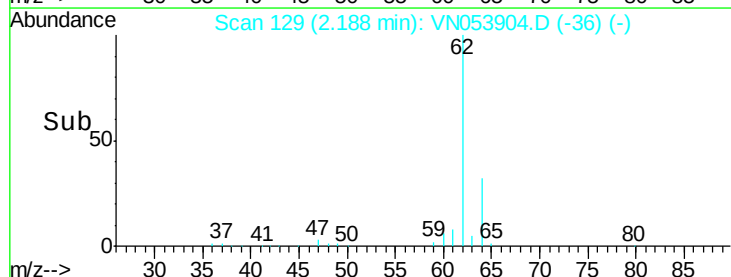
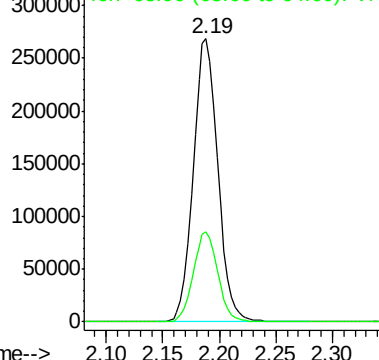
62 100

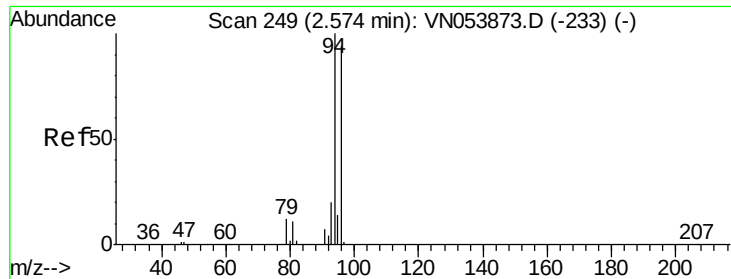
64 31.9 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VN0

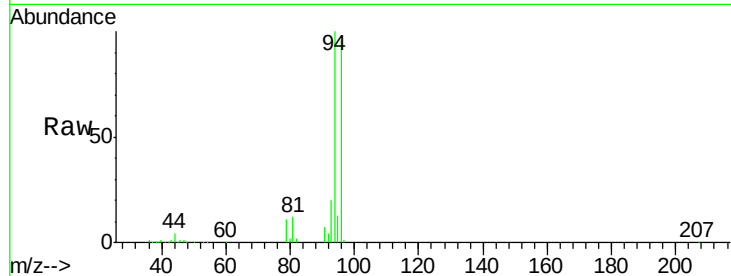
Ion 63.90 (63.60 to 64.60): VN0



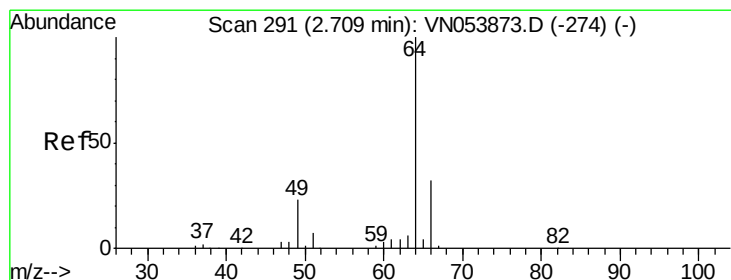
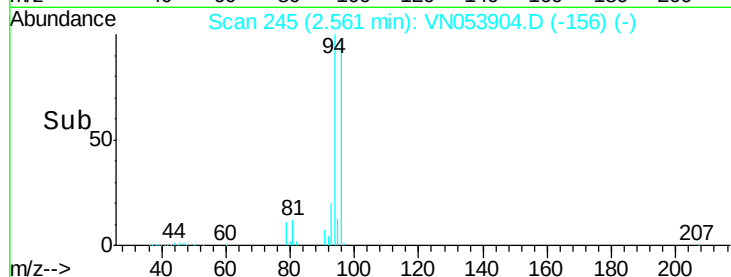
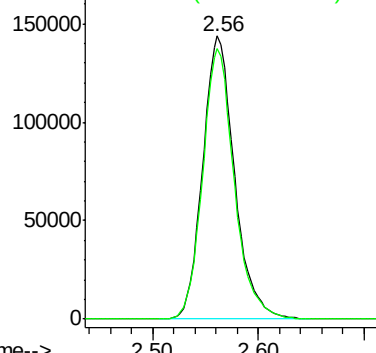


#5
Bromomethane
Concen: 42.825 ug/l
RT: 2.56 min Scan# 245
Delta R.T. -0.01 min
Lab File: VN053904.D
Acq: 22 Feb 2019 9:39

Tot Ion: 94 Resp: 300224
Ion Ratio Lower Upper
94 100
96 95.5 74.9 112.3

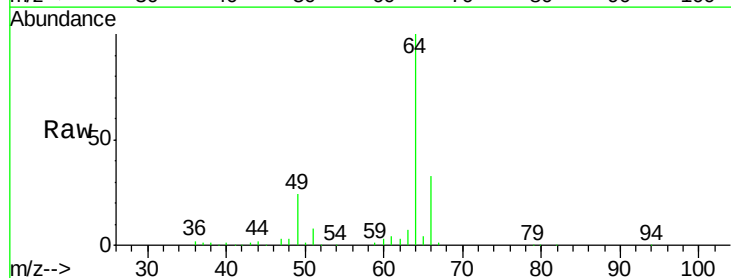


Abundance Ion 93.90 (93.60 to 94.60): VNO
Ion 95.90 (95.60 to 96.60): VNO

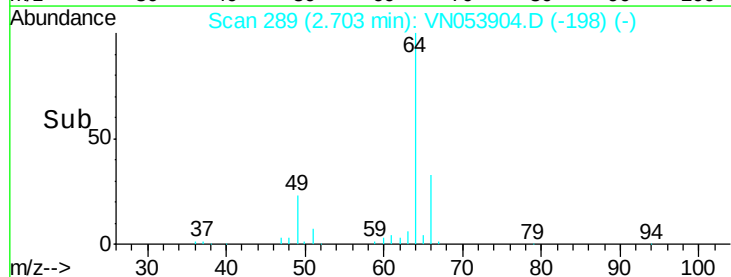
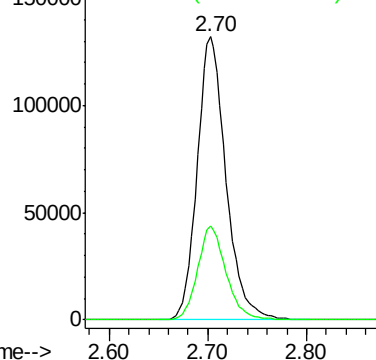


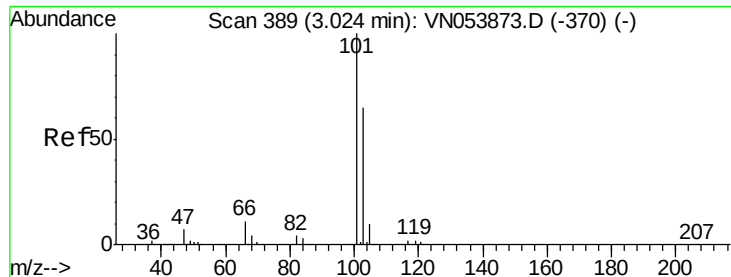
#6
Chloroethane
Concen: 43.521 ug/l
RT: 2.70 min Scan# 289
Delta R.T. -0.01 min
Lab File: VN053904.D
Acq: 22 Feb 2019 9:39

Tgt Ion: 64 Resp: 269270
Ion Ratio Lower Upper
64 100
66 33.0 25.5 38.3



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

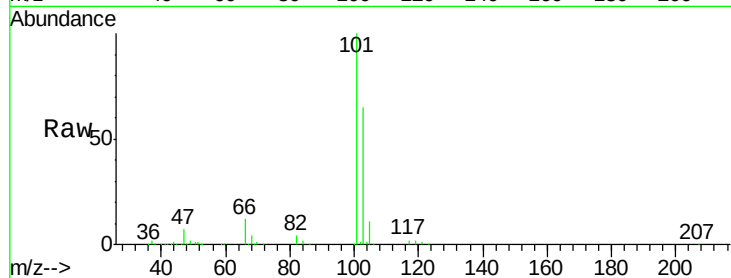




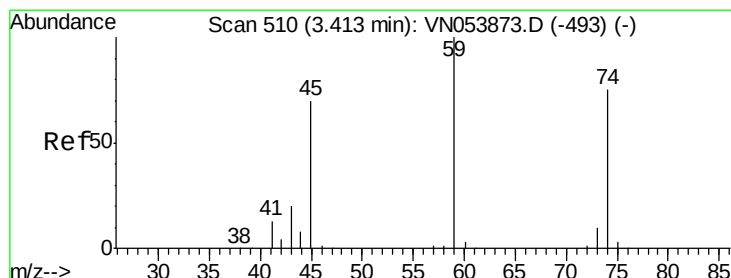
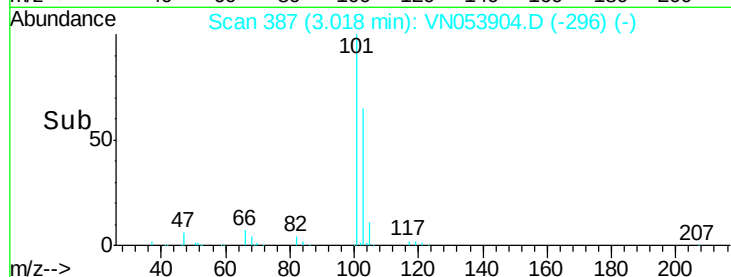
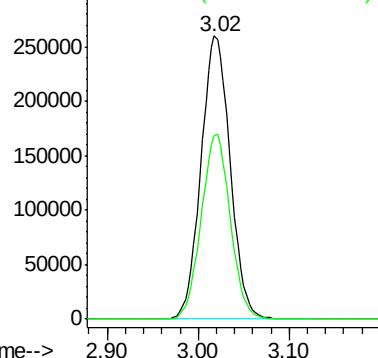
#7

Trichlorofluoromethane
Concen: 42.617 ug/l
RT: 3.02 min Scan# 387
Delta R.T. -0.01 min
Lab File: VN053904.D
Acq: 22 Feb 2019 9:39

Tot Ion: 101 Resp: 579335
Ion Ratio Lower Upper
101 100
103 65.0 51.9 77.9



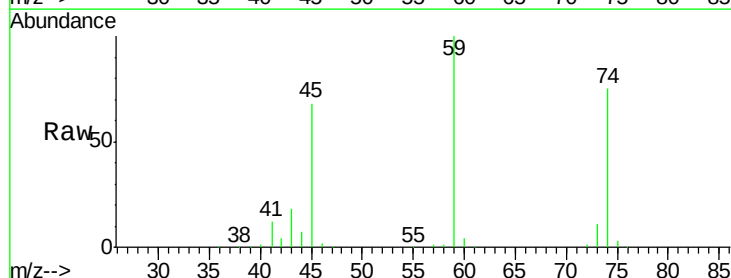
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



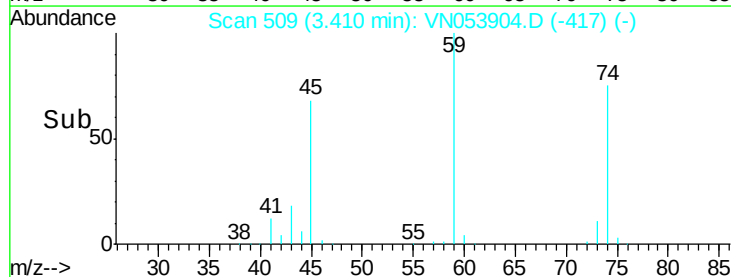
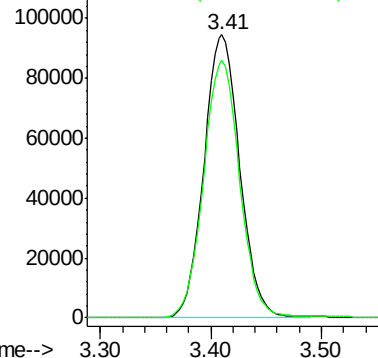
#8

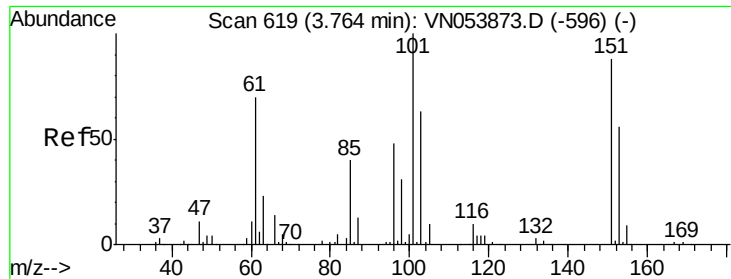
Diethyl Ether
Concen: 44.460 ug/l
RT: 3.41 min Scan# 509
Delta R.T. -0.00 min
Lab File: VN053904.D
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Tgt Ion: 74 Resp: 212462
Ion Ratio Lower Upper
74 100
45 91.3 46.9 140.6



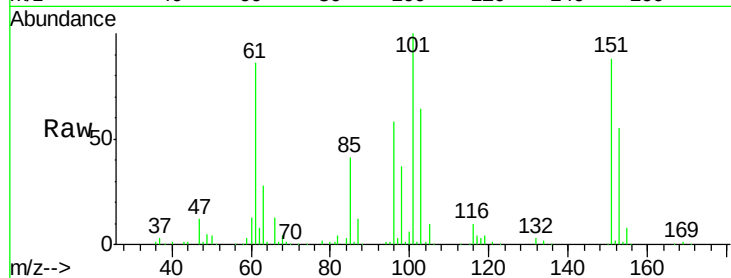
Abundance Ion 74.00 (73.70 to 74.70): VNO
Ion 45.00 (44.70 to 45.70): VNO



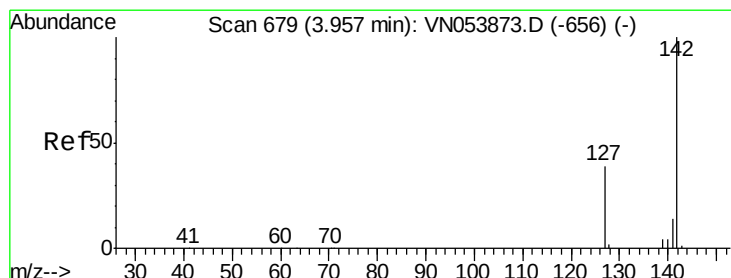
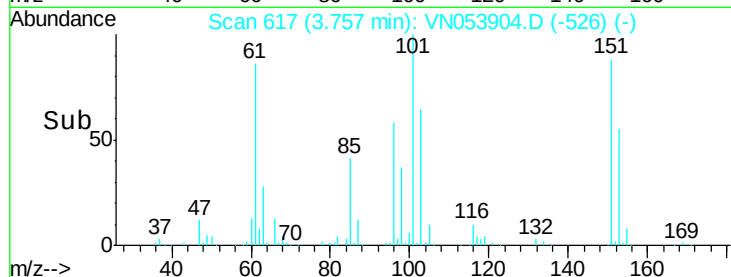
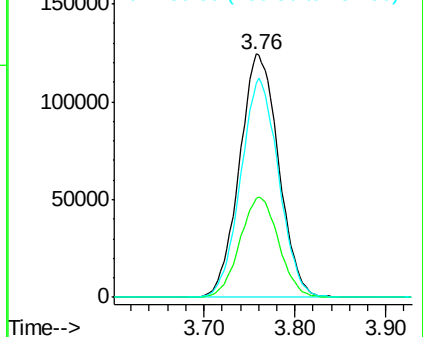


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 45.334 ug/l
 RT: 3.76 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: VN053904.D
 Acq: 22 Feb 2019 9:39

Tot Ion	Ratio	Lower	Upper
101	100		
85	40.9	32.5	48.7
151	87.6	70.2	105.2

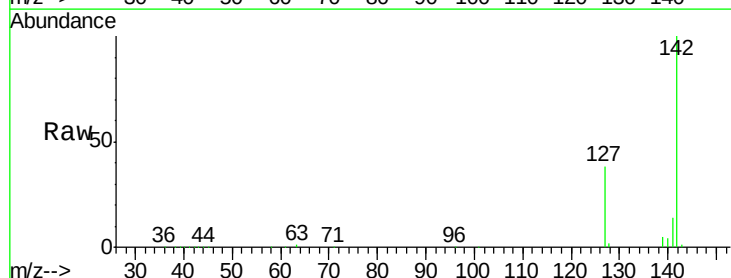


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

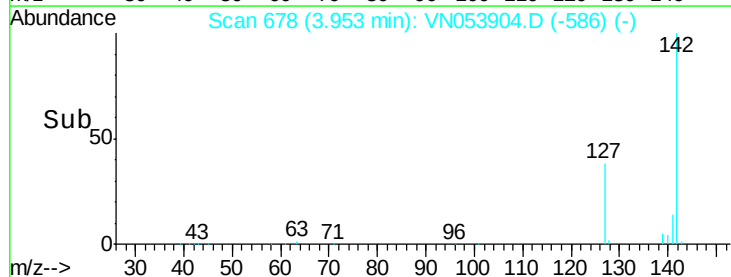
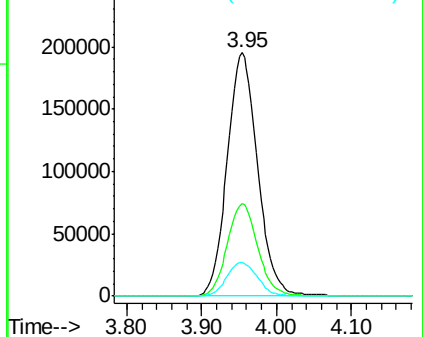


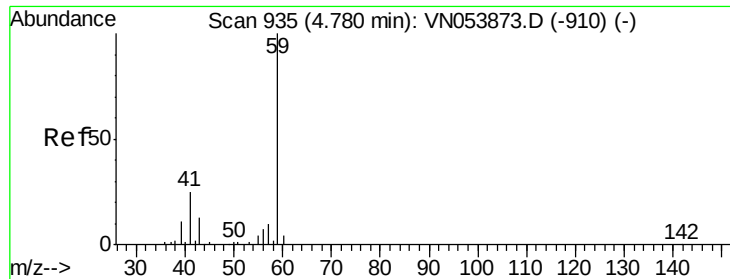
#10
 Methyl Iodide
 Concen: 45.420 ug/l
 RT: 3.95 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: VN053904.D
 Acq: 22 Feb 2019 9:39

Tgt Ion	Ratio	Lower	Upper
142	100		
127	38.2	31.0	46.4
141	14.0	11.3	16.9



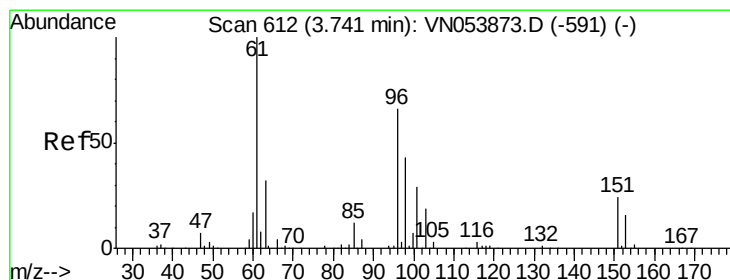
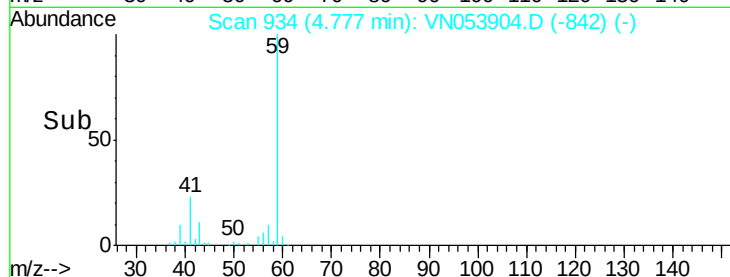
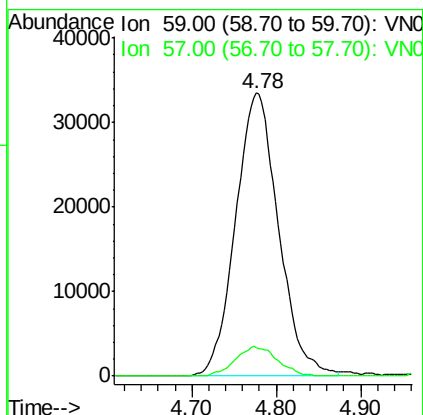
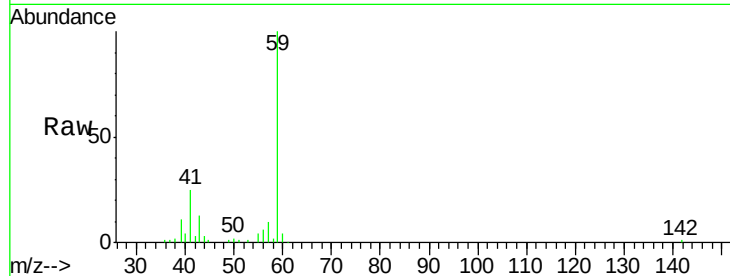
Abundance Ion 141.80 (141.50 to 142.50): V
 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V





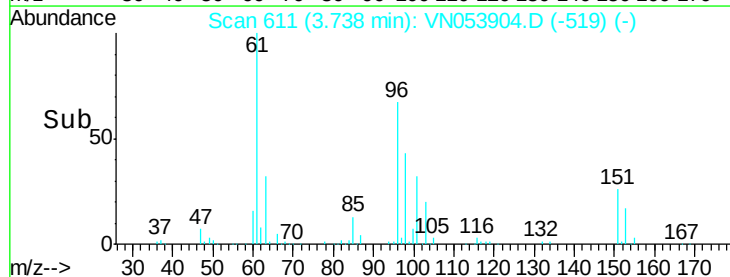
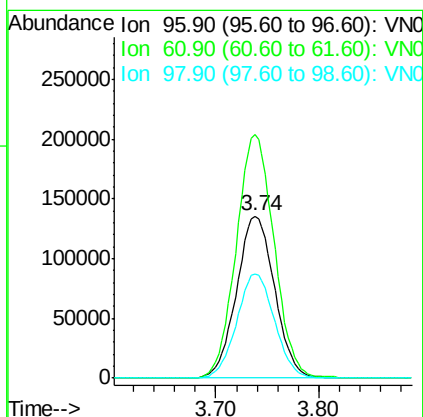
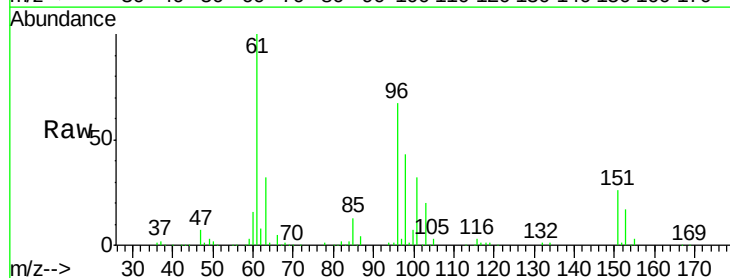
#11
Tert butyl alcohol
Concen: 224.846 ug/l
RT: 4.78 min Scan# 934
Delta R.T. -0.00 min
Lab File: VN053904.D
Acq: 22 Feb 2019 9:39

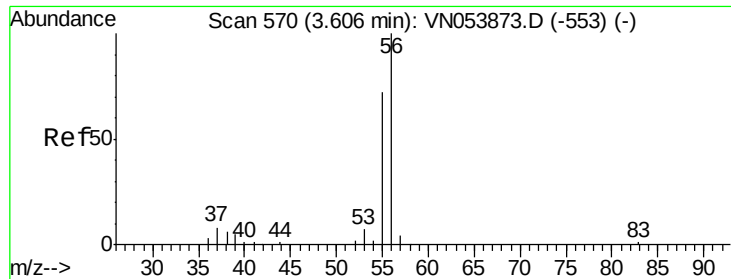
Tot Ion: 59 Resp: 118440
Ion Ratio Lower Upper
59 100
57 10.1 8.1 12.1



#12
1,1-Dichloroethene
Concen: 45.377 ug/l
RT: 3.74 min Scan# 611
Delta R.T. -0.00 min
Lab File: VN053904.D
Acq: 22 Feb 2019 9:39

Tgt Ion: 96 Resp: 347686
Ion Ratio Lower Upper
96 100
61 150.3 121.0 181.4
98 64.5 52.2 78.2





#13

Acrolein

Concen: 332.039 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN053904.D

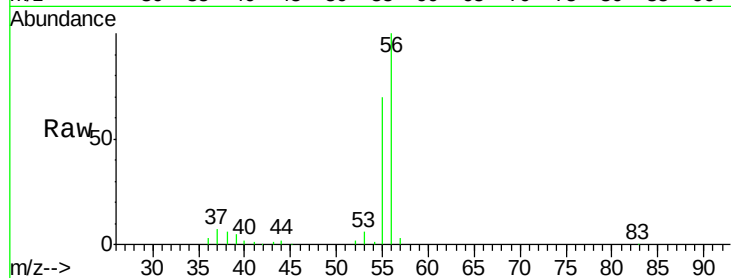
Acq: 22 Feb 2019 9:39

Tot Ion: 56 Resp: 125013

Ion Ratio Lower Upper

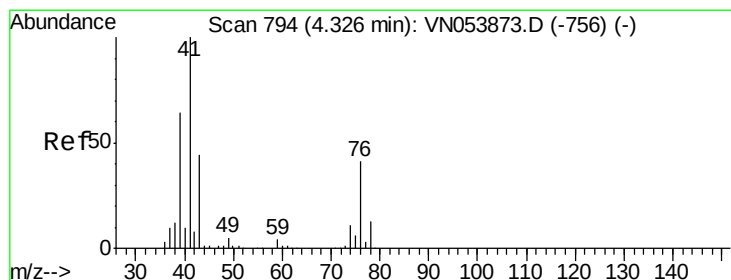
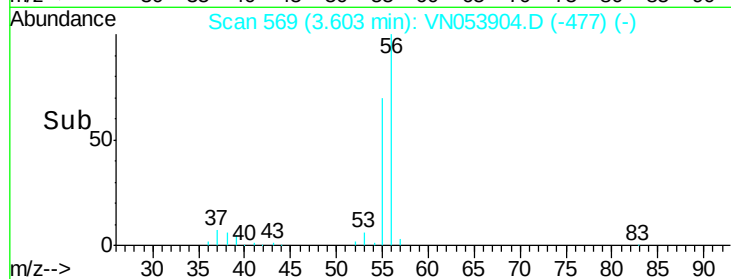
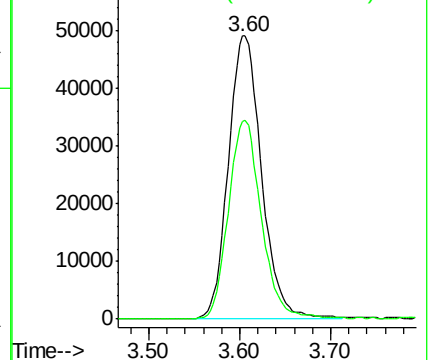
56 100

55 69.8 56.3 84.5



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 46.731 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN053904.D

Acq: 22 Feb 2019 9:39

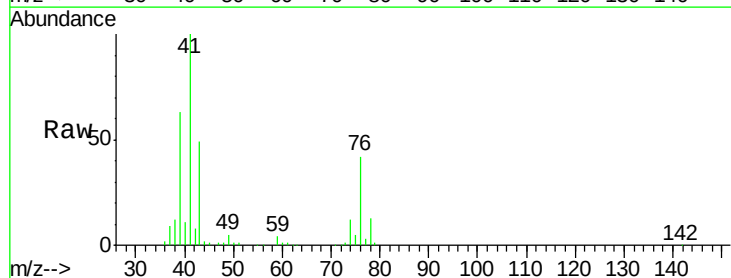
Tgt Ion: 41 Resp: 541905

Ion Ratio Lower Upper

41 100

39 59.1 48.8 73.2

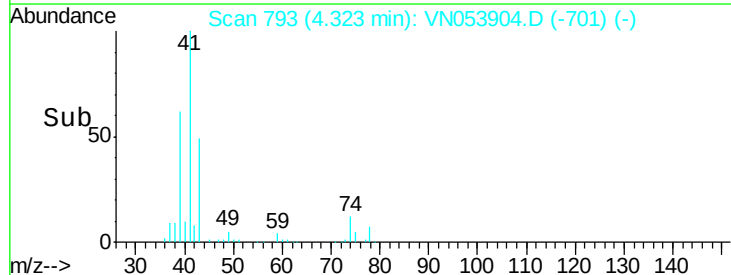
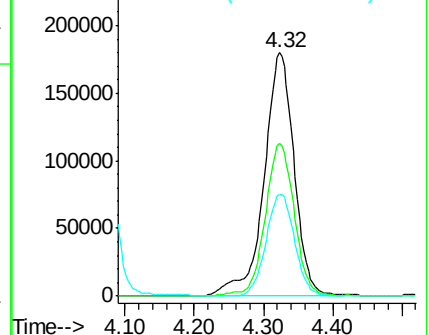
76 39.2 30.9 46.3

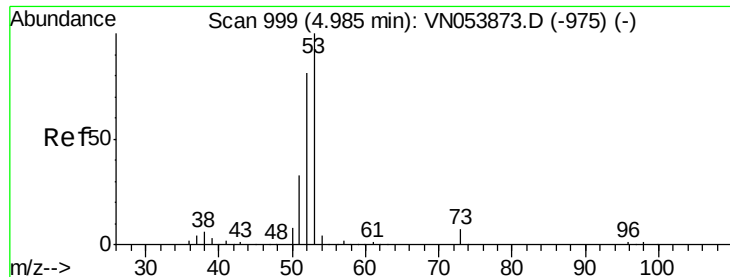


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 237.362 ug/l

RT: 4.98 min Scan# 998

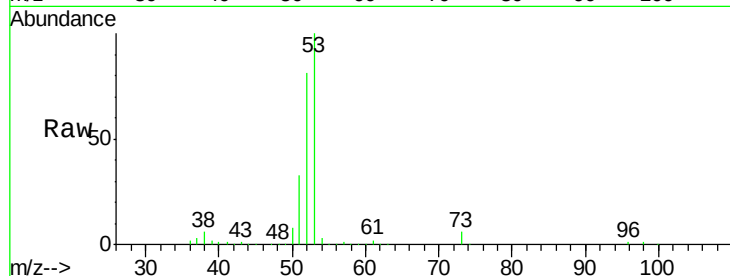
Delta R.T. -0.00 min

Lab File: VN053904.D

Acq: 22 Feb 2019 9:39

Tot Ion: 53 Resp: 629879

Ion	Ratio	Lower	Upper
53	100		
52	81.7	65.1	97.7
51	35.2	28.2	42.4

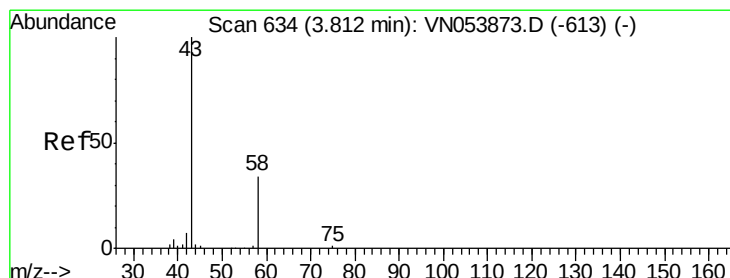
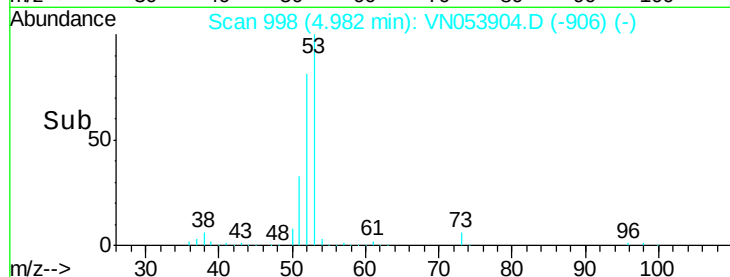
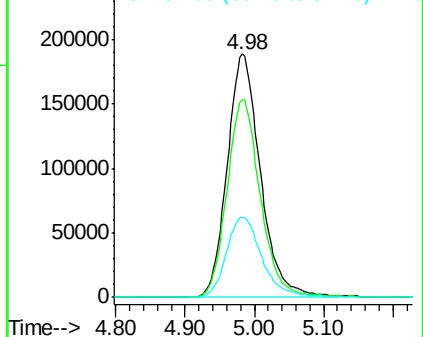


Abundance

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: 244.635 ug/l

RT: 3.81 min Scan# 634

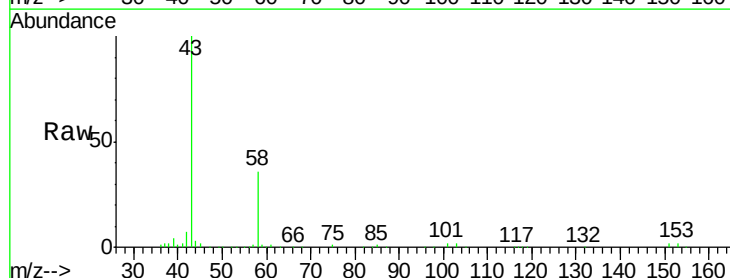
Delta R.T. 0.00 min

Lab File: VN053904.D

Acq: 22 Feb 2019 9:39

Tgt Ion: 43 Resp: 567715

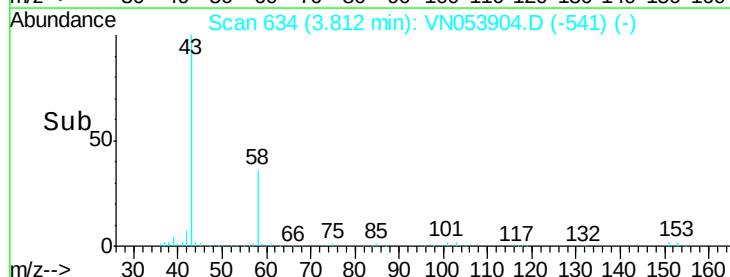
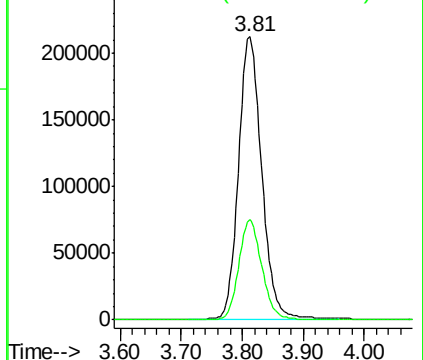
Ion	Ratio	Lower	Upper
43	100		
58	35.5	27.6	41.4

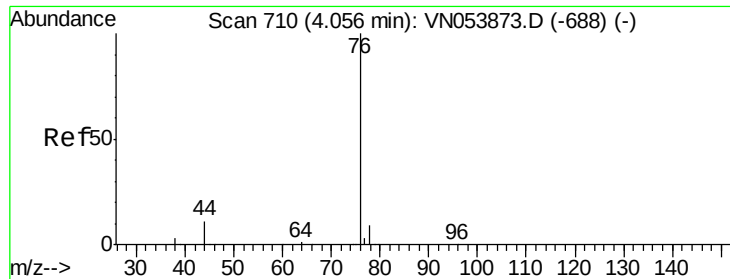


Abundance

Ion 43.00 (42.70 to 43.70): VN0

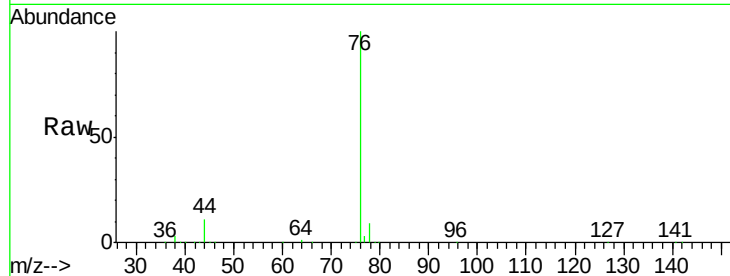
Ion 58.00 (57.70 to 58.70): VN0



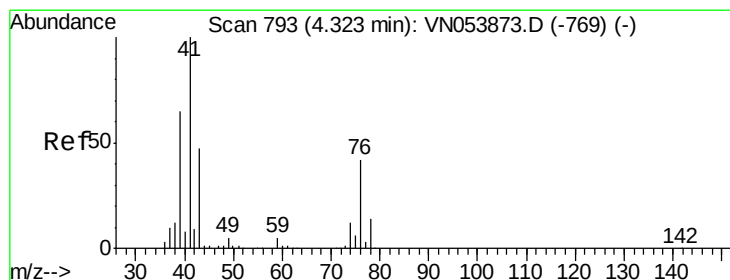
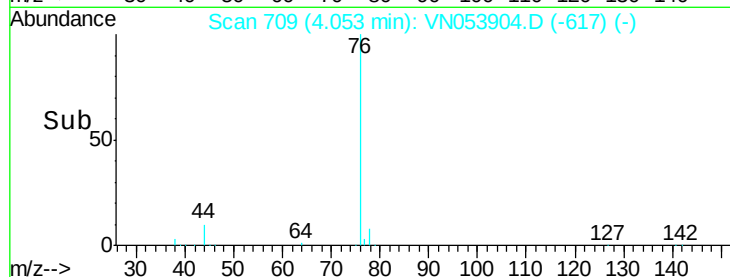
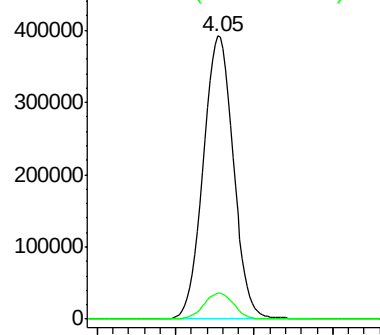


#17
Carbon Disulfide
Concen: 44.090 ug/l
RT: 4.05 min Scan# 709
Delta R.T. -0.00 min
Lab File: VN053904.D
Acq: 22 Feb 2019 9:39

Tot Ion: 76 Resp: 1046315
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

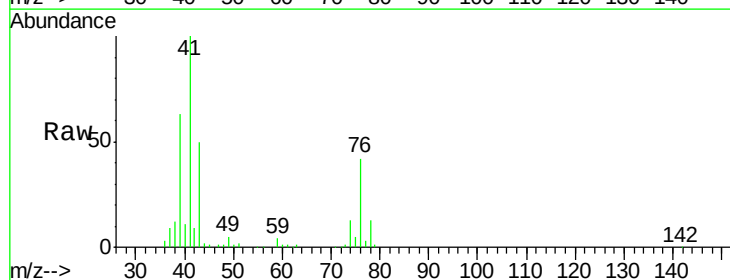


Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO

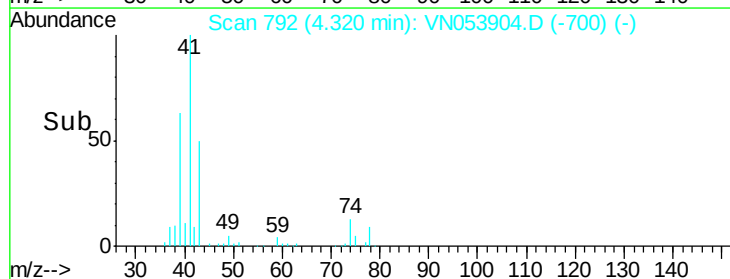
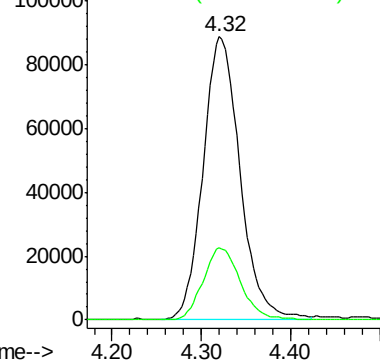


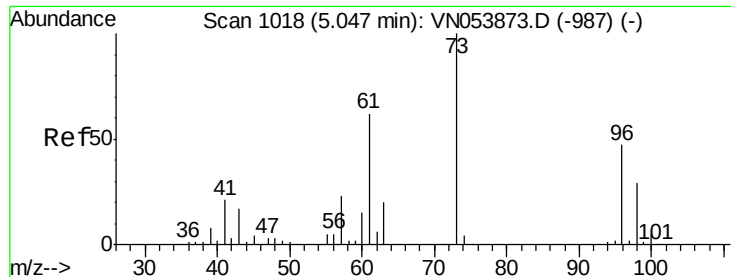
#18
Methyl Acetate
Concen: 46.245 ug/l
RT: 4.32 min Scan# 792
Delta R.T. -0.00 min
Lab File: VN053904.D
Acq: 22 Feb 2019 9:39

Tgt Ion: 43 Resp: 253288
Ion Ratio Lower Upper
43 100
74 26.2 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO

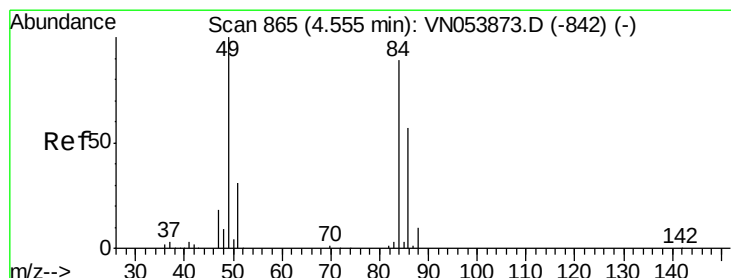
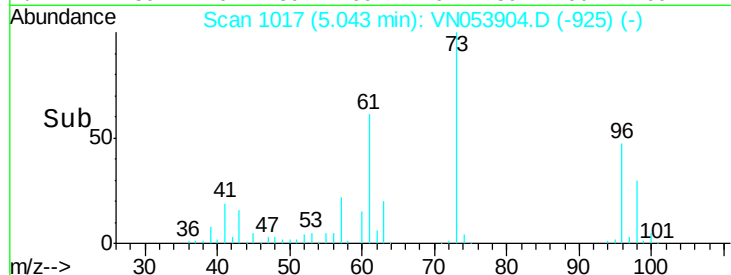
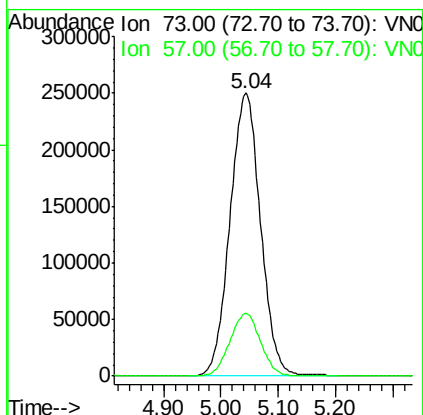
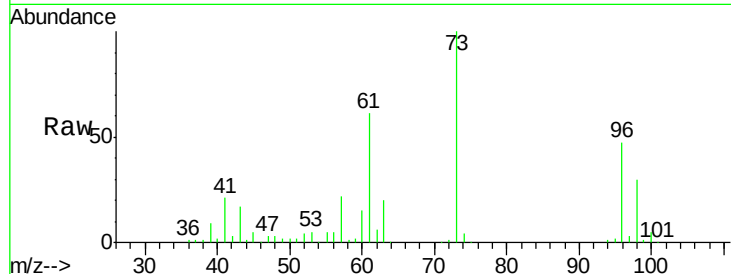




#19

Methyl tert-butyl Ether
 Concen: 47.755 ug/l
 RT: 5.04 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: VN053904.D
 Acq: 22 Feb 2019 9:39

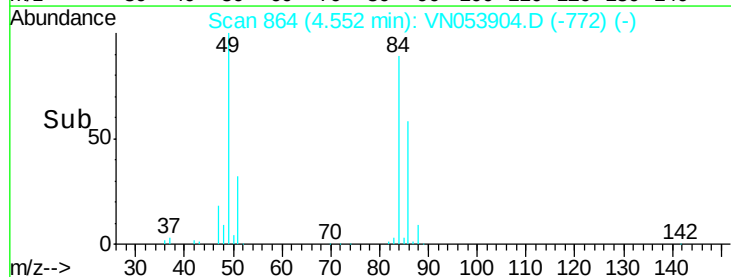
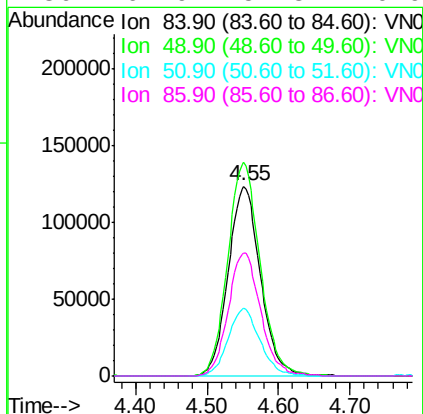
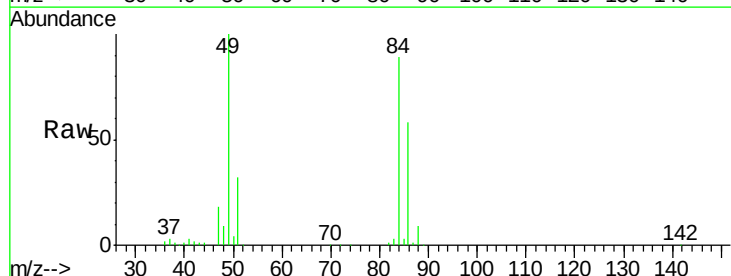
Tot Ion: 73 Resp: 928354
 Ion Ratio Lower Upper
 73 100
 57 22.2 18.0 27.0

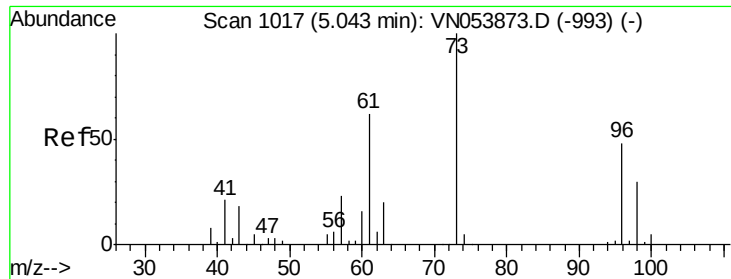


#20

Methylene Chloride
 Concen: 44.826 ug/l
 RT: 4.55 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VN053904.D
 Acq: 22 Feb 2019 9:39

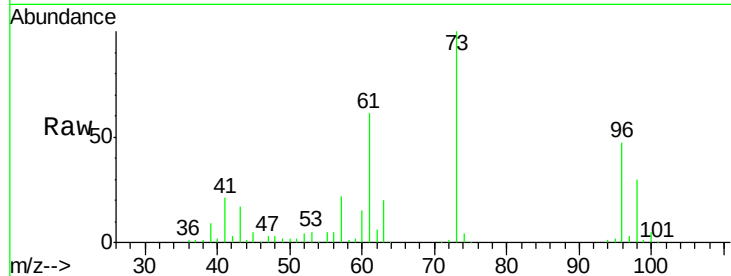
Tgt Ion: 84 Resp: 389453
 Ion Ratio Lower Upper
 84 100
 49 112.7 89.7 134.5
 51 35.9 27.8 41.8
 86 64.9 51.3 76.9



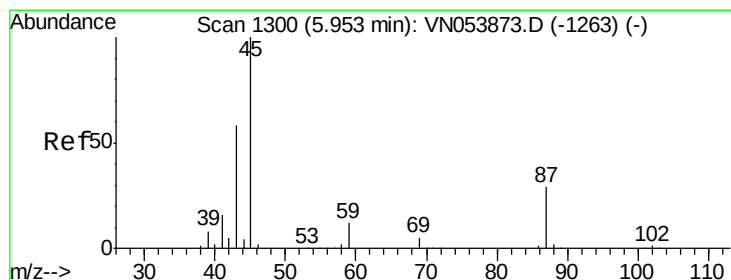
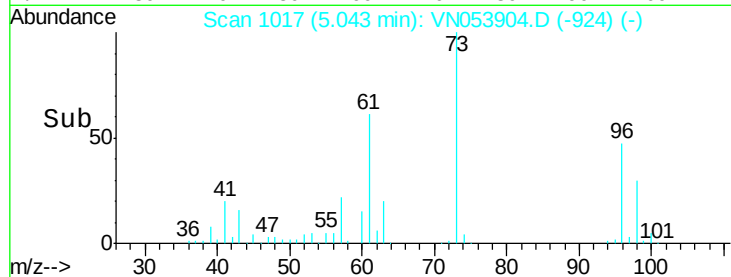
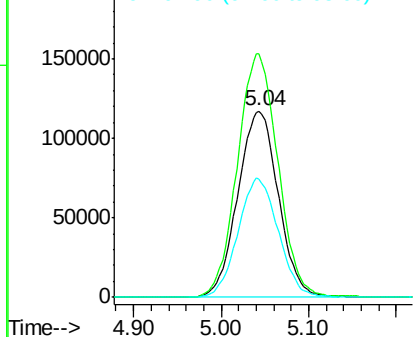


#21
trans-1,2-Dichloroethene
Concen: 46.780 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VN053904.D
Acq: 22 Feb 2019 9:39

Tot Ion: 96 Resp: 376203
Ion Ratio Lower Upper
96 100
61 130.7 104.5 156.7
98 63.5 50.6 76.0

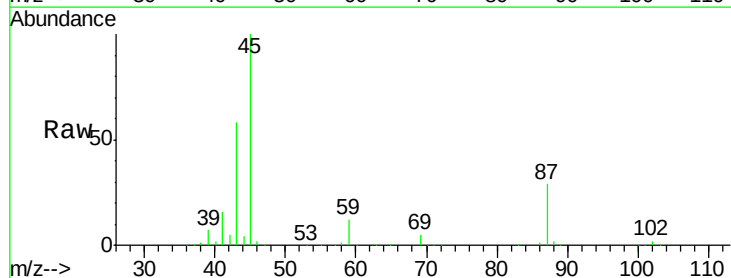


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

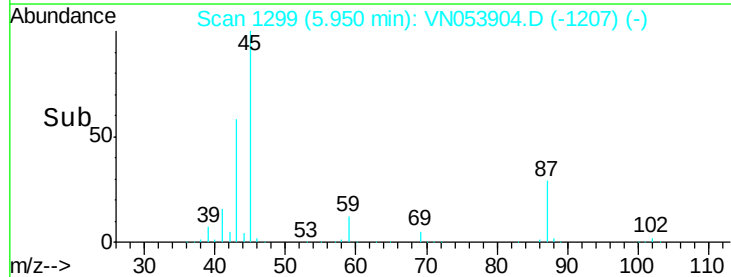
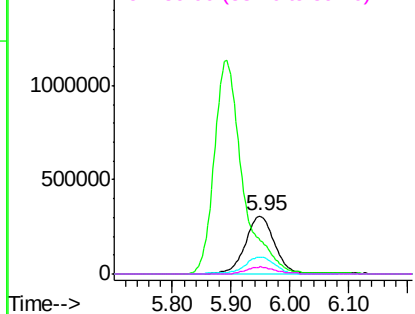


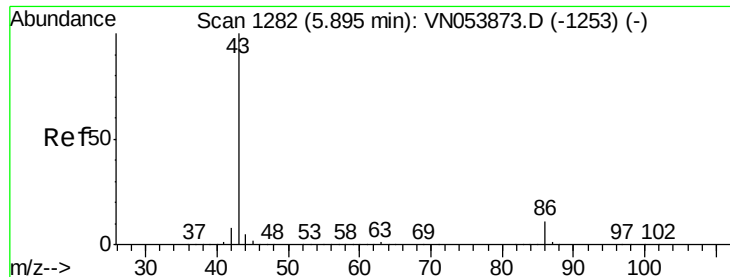
#22
Diisopropyl ether
Concen: 49.558 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. -0.00 min
Lab File: VN053904.D
Acq: 22 Feb 2019 9:39

Tgt Ion: 45 Resp: 1071286
Ion Ratio Lower Upper
45 100
43 57.0 46.2 69.4
87 29.0 23.4 35.0
59 12.2 9.4 14.0



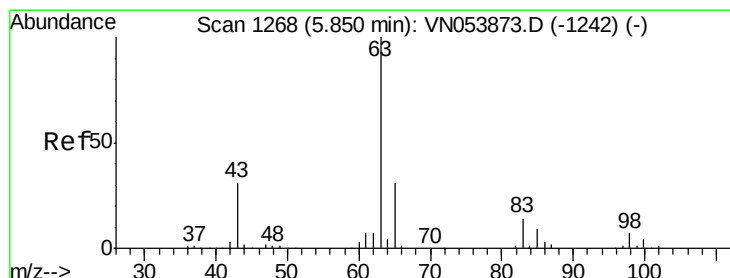
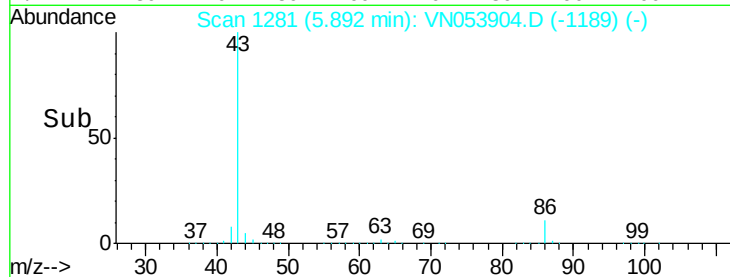
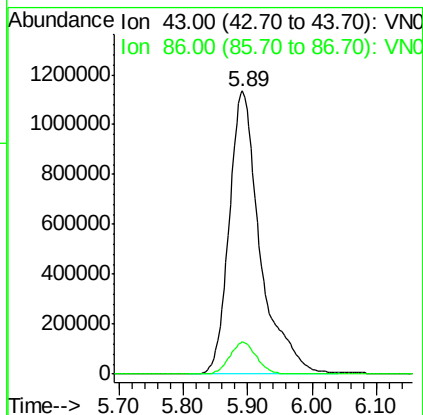
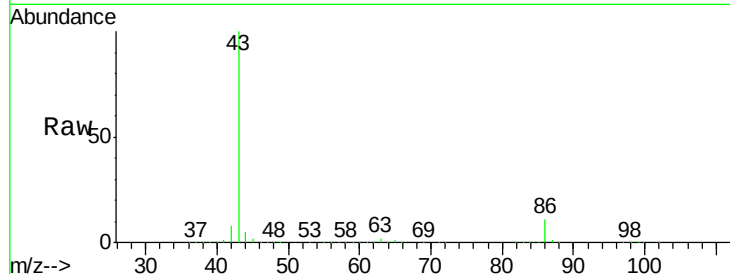
Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





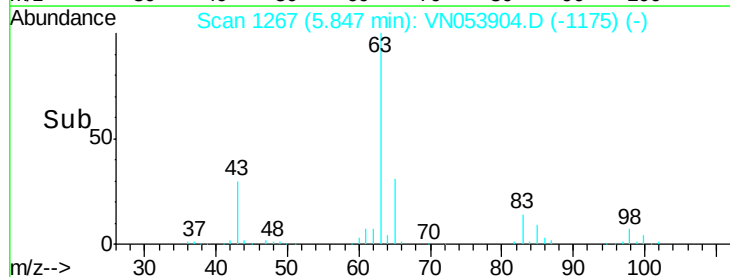
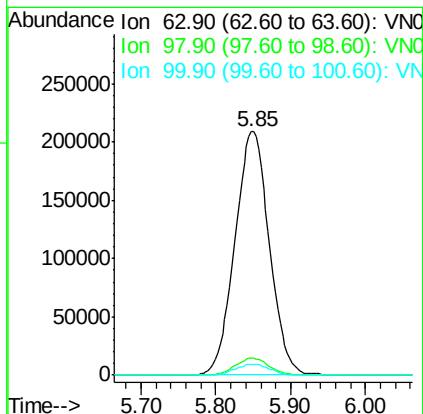
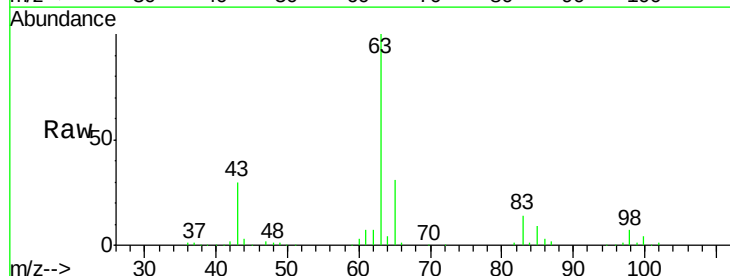
#23
 Vinyl Acetate
 Concen: 244.636 ug/l
 RT: 5.89 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: VN053904.D
 Acq: 22 Feb 2019 9:39

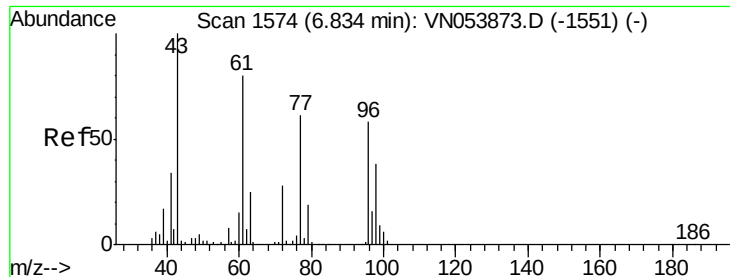
Tot Ion: 43 Resp: 3801704
 Ion Ratio Lower Upper
 43 100
 86 11.3 9.1 13.7



#24
 1,1-Dichloroethane
 Concen: 45.627 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. -0.00 min
 Lab File: VN053904.D
 Acq: 22 Feb 2019 9:39

Tgt Ion: 63 Resp: 667779
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.4 10.2
 100 4.4 2.2 6.6





#25

2-Butanone

Concen: 244.805 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN053904.D

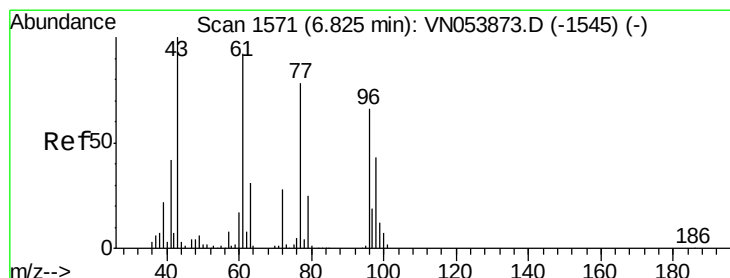
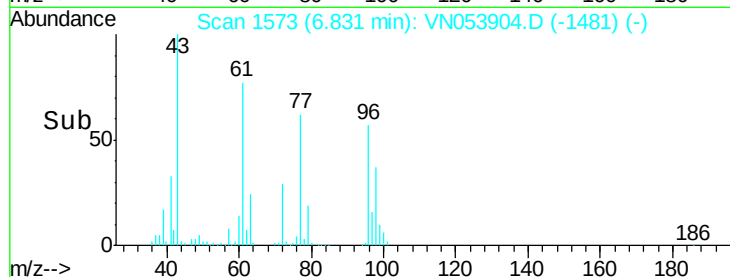
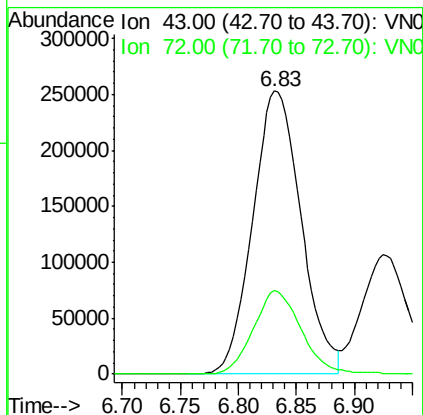
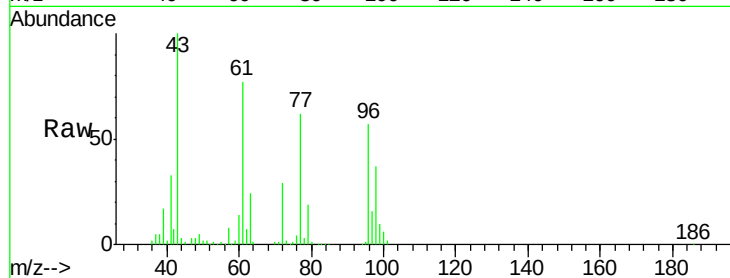
Acq: 22 Feb 2019 9:39

Tot Ion: 43 Resp: 733075

Ion Ratio Lower Upper

43 100

72 29.5 22.1 33.1



#26

2,2-Dichloropropane

Concen: 47.404 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN053904.D

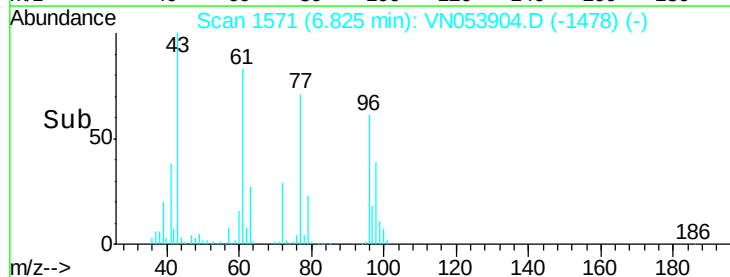
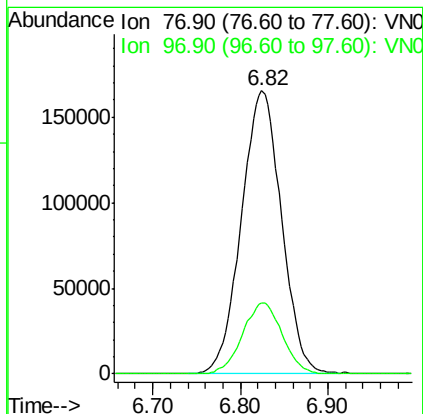
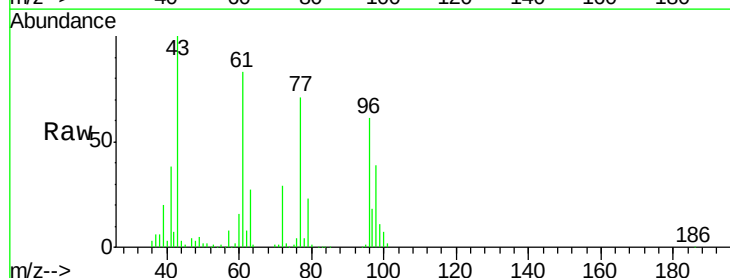
Acq: 22 Feb 2019 9:39

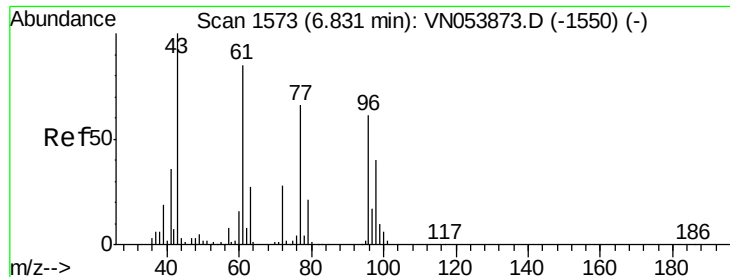
Tgt Ion: 77 Resp: 526473

Ion Ratio Lower Upper

77 100

97 24.8 12.3 36.9





#27

cis-1,2-Dichloroethene

Concen: 47.048 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN053904.D

Acq: 22 Feb 2019 9:39

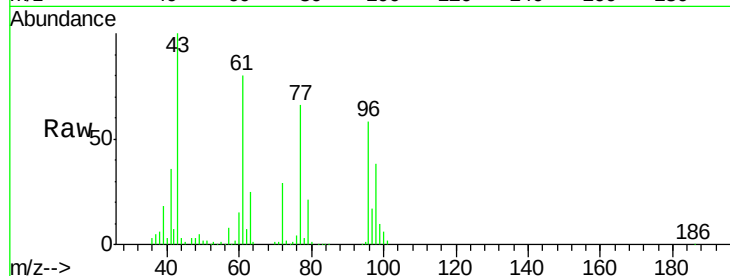
Tot Ion: 96 Resp: 423847

Ion Ratio Lower Upper

96 100

61 136.9 0.0 275.6

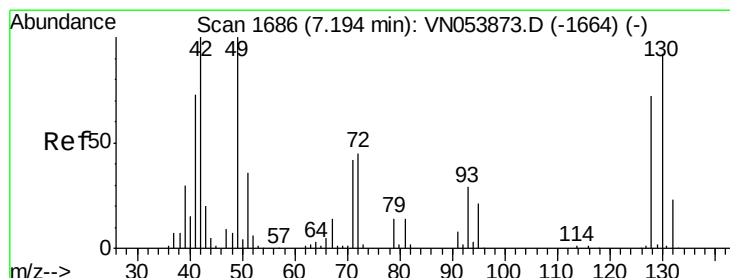
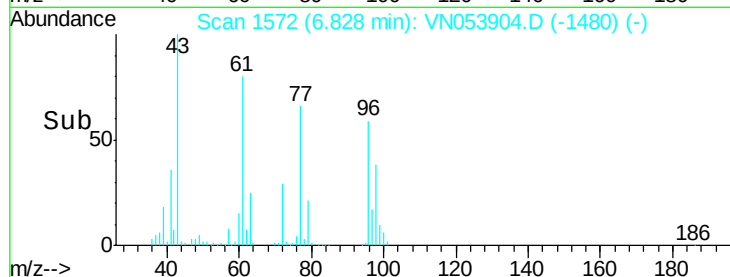
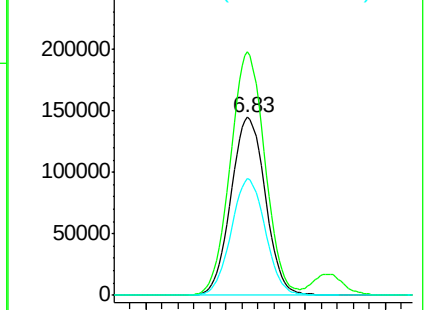
98 64.9 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VN053904.D (-1550) (-)

Ion 60.90 (60.60 to 61.60): VN053904.D (-1550) (-)

Ion 97.90 (97.60 to 98.60): VN053904.D (-1550) (-)



#28

Bromochloromethane

Concen: 49.001 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN053904.D

Acq: 22 Feb 2019 9:39

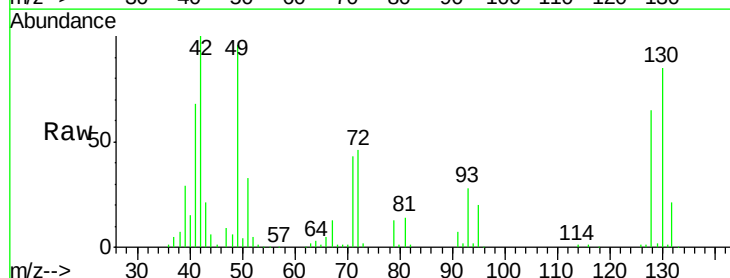
Tgt Ion: 49 Resp: 312997

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

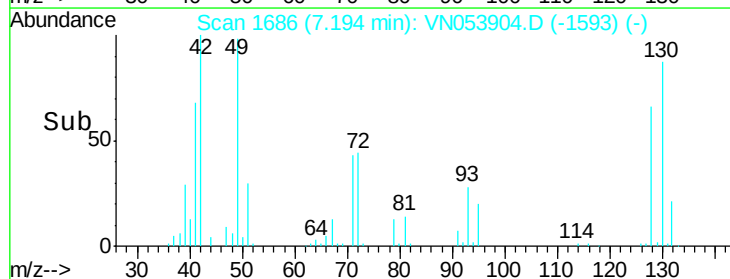
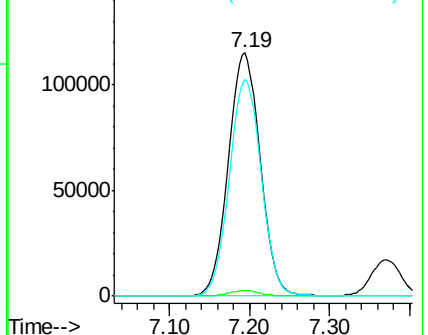
130 88.8 72.9 109.3

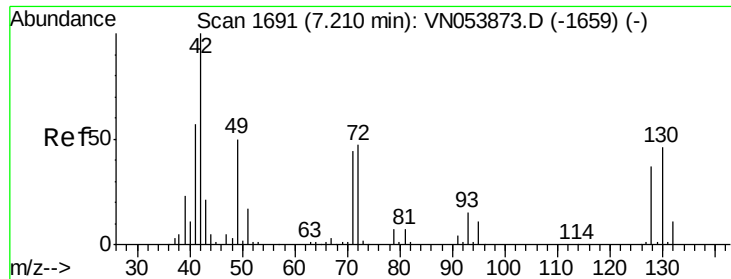


Abundance Ion 48.90 (48.60 to 49.60): VN053904.D (-1593) (-)

Ion 128.80 (128.50 to 129.50): VN053904.D (-1593) (-)

Ion 129.80 (129.50 to 130.50): VN053904.D (-1593) (-)





#29

Tetrahydrofuran

Concen: 233.220 ug/l

RT: 7.21 min Scan# 1690

Delta R.T. -0.00 min

Lab File: VN053904.D

Acq: 22 Feb 2019 9:39

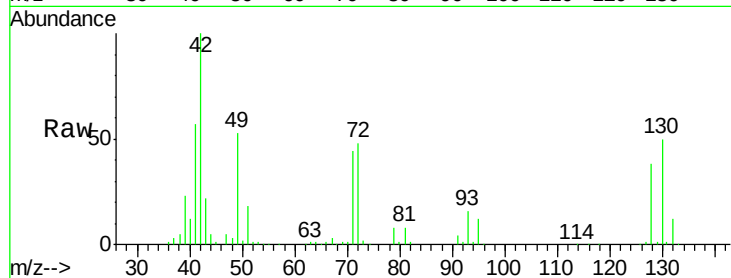
Tot Ion: 42 Resp: 451661

Ion Ratio Lower Upper

42 100

72 46.4 36.9 55.3

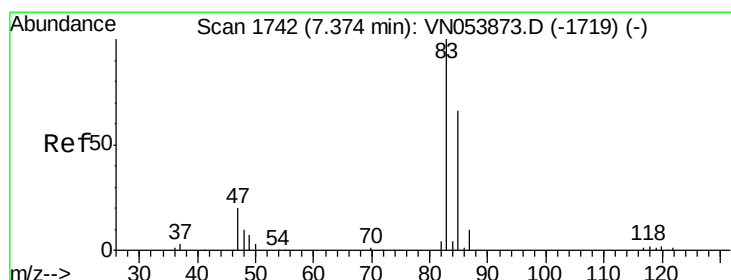
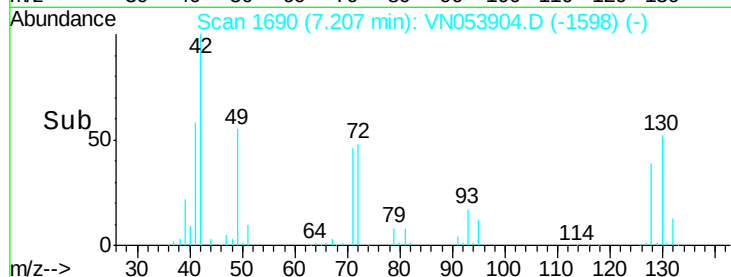
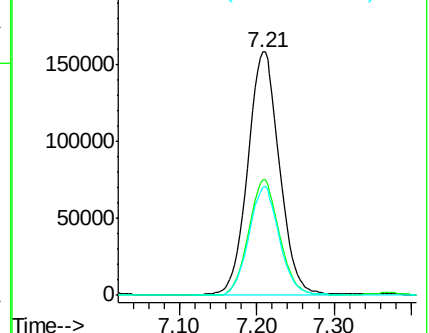
71 43.2 34.6 52.0



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: 45.483 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VN053904.D

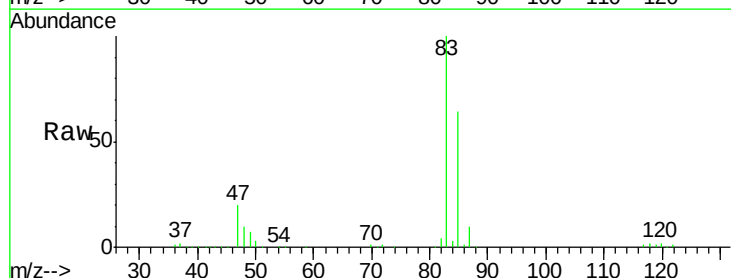
Acq: 22 Feb 2019 9:39

Tgt Ion: 83 Resp: 668869

Ion Ratio Lower Upper

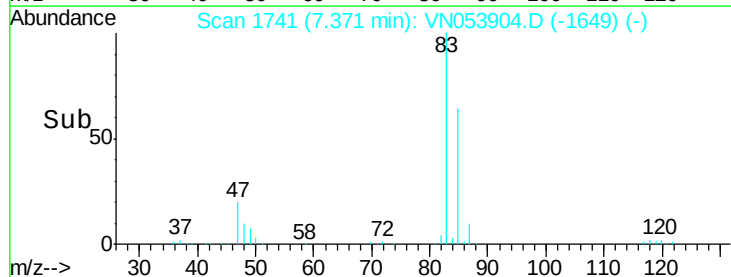
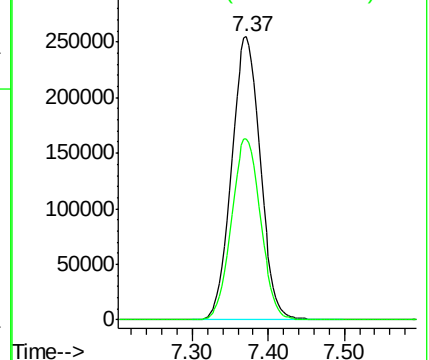
83 100

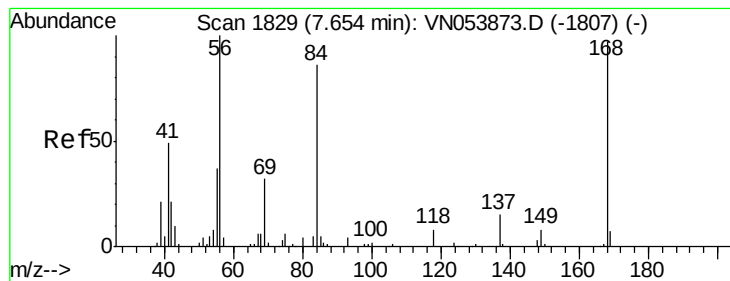
85 63.9 52.6 78.8



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: 46.685 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN053904.D

Acq: 22 Feb 2019 9:39

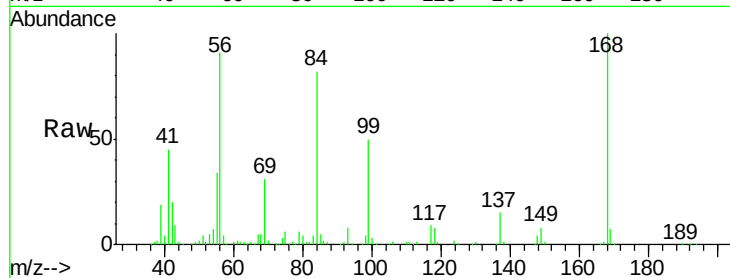
Tot Ion: 56 Resp: 626119

Ion	Ratio	Lower	Upper
56	100		
69	33.7	26.0	39.0
84	88.7	69.1	103.7

56 100

69 33.7 26.0 39.0

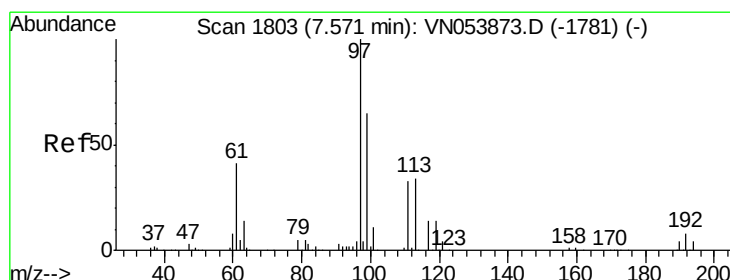
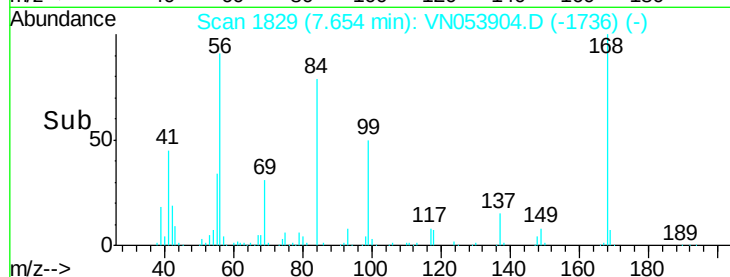
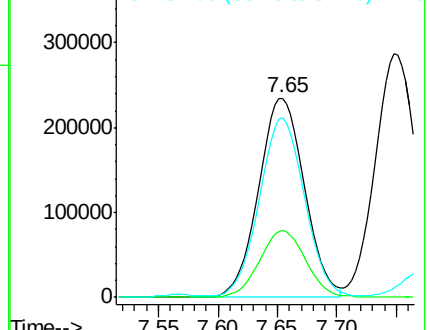
84 88.7 69.1 103.7



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: 44.959 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN053904.D

Acq: 22 Feb 2019 9:39

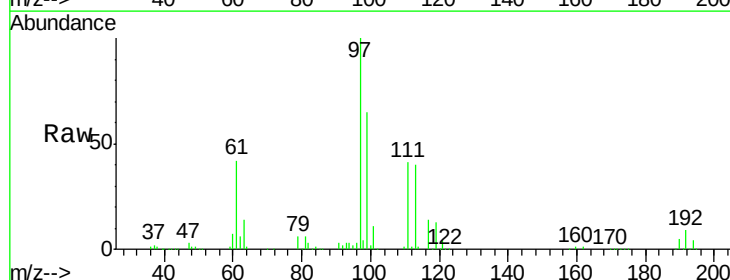
Tgt Ion: 97 Resp: 565699

Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.8	77.8
61	41.5	33.2	49.8

97 100

99 64.7 51.8 77.8

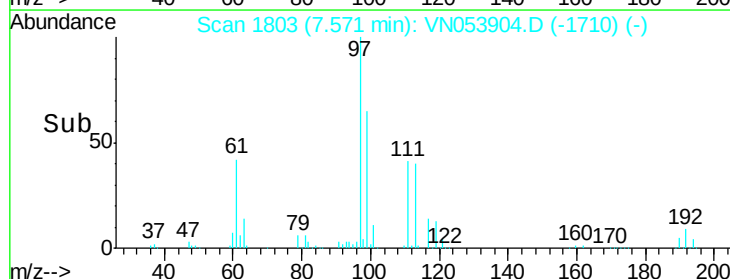
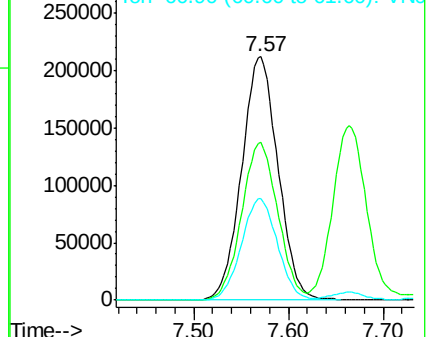
61 41.5 33.2 49.8

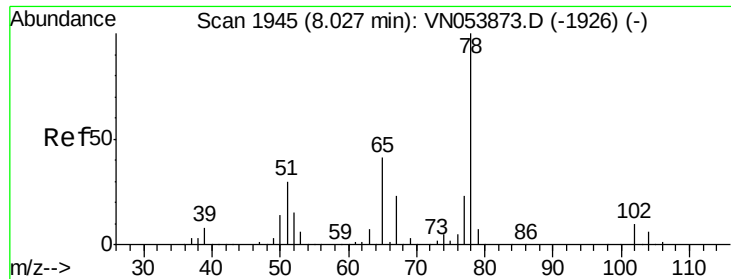


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 46.794 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN053904.D

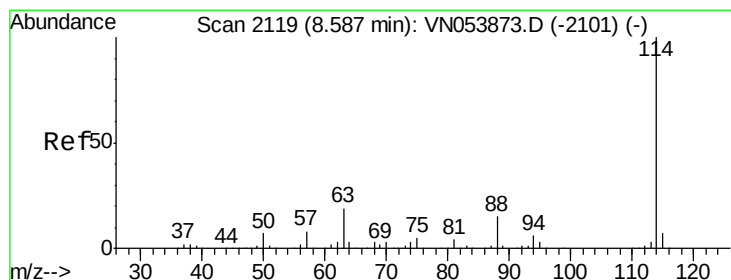
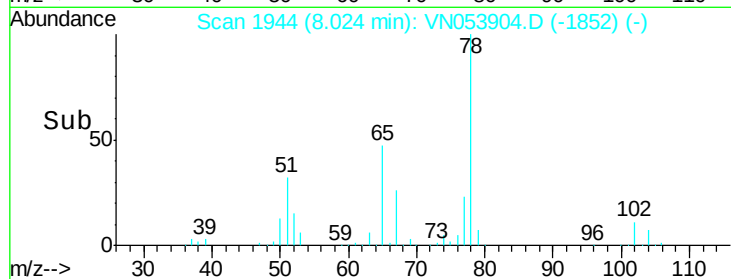
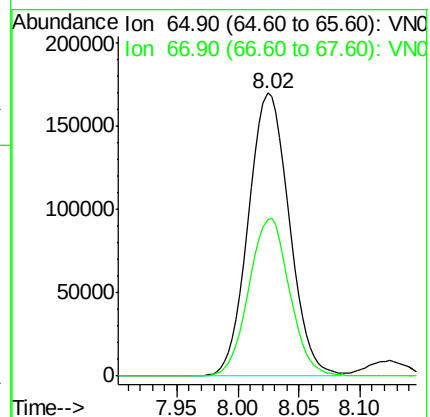
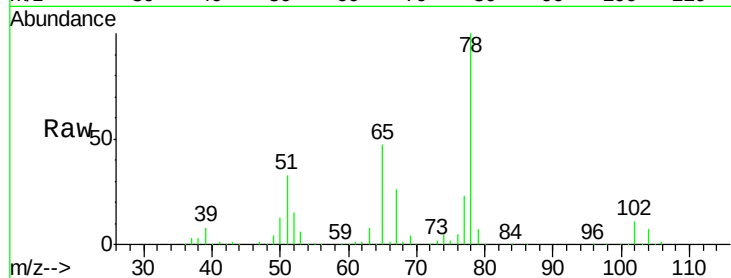
Acq: 22 Feb 2019 9:39

Tot Ion: 65 Resp: 394854

Ion Ratio Lower Upper

65 100

67 55.6 0.0 111.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN053904.D

Acq: 22 Feb 2019 9:39

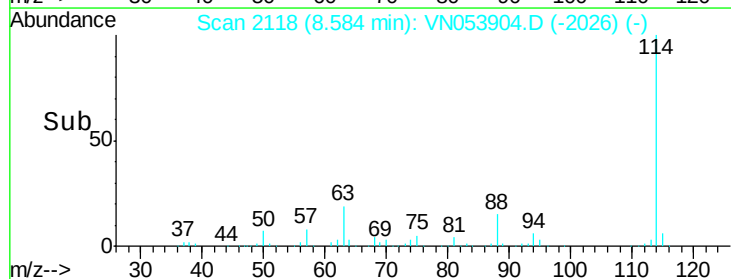
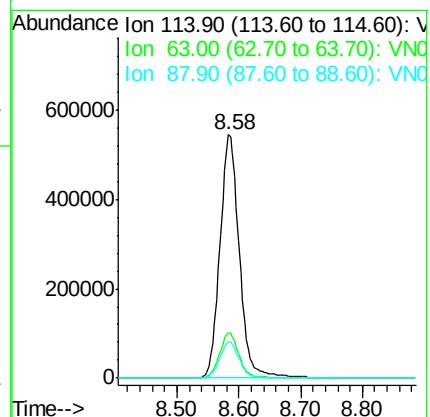
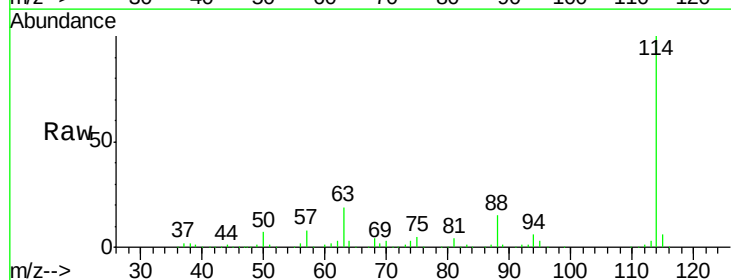
Tgt Ion: 114 Resp: 1191362

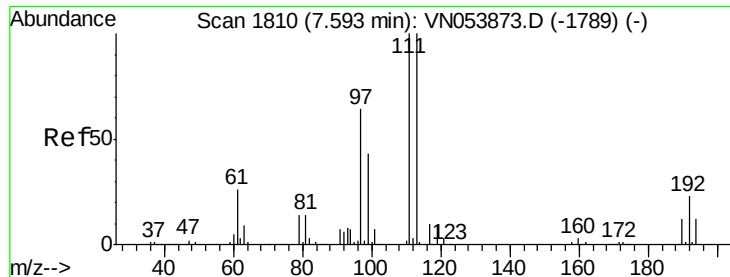
Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.4

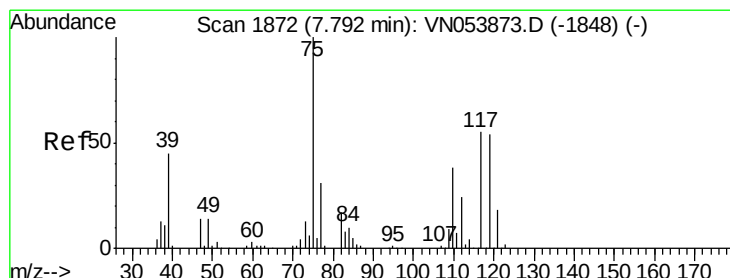
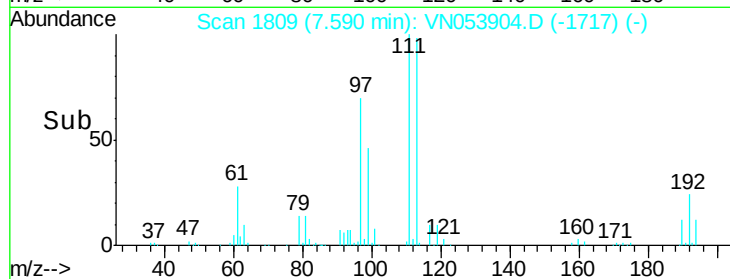
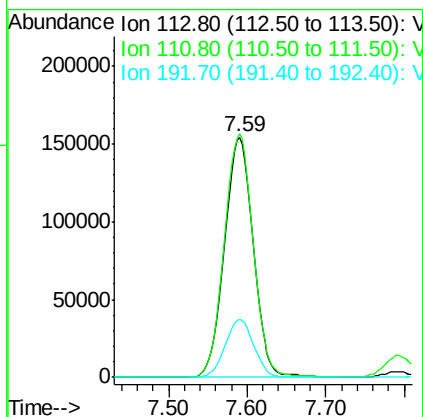
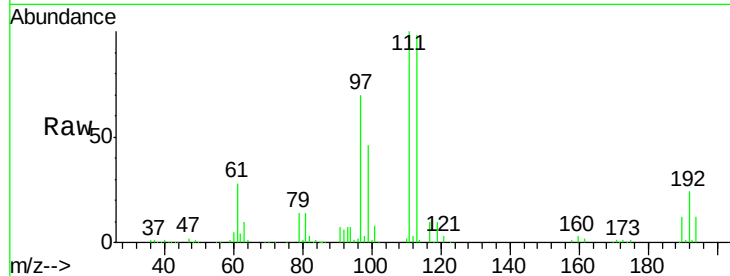
88 15.0 0.0 30.4





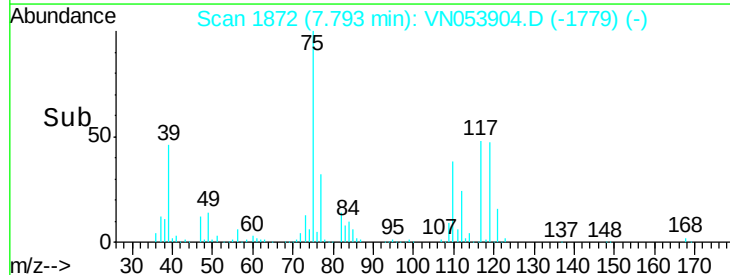
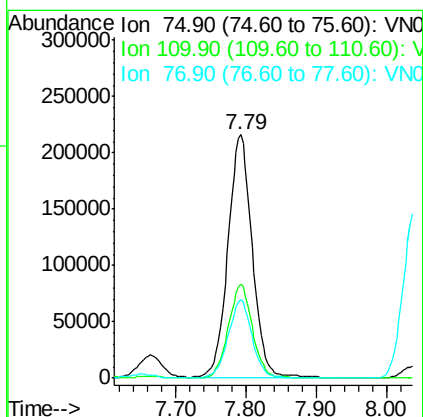
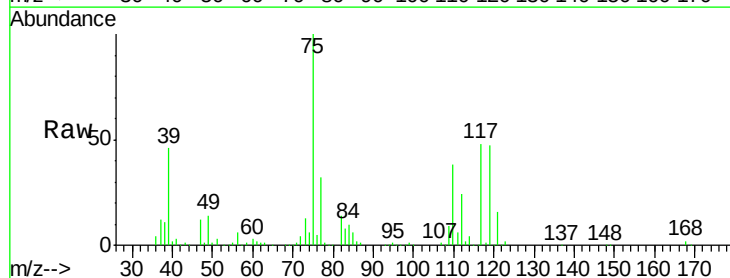
#35
 Dibromofluoromethane
 Concen: 49.954 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053904.D
 Acq: 22 Feb 2019 9:39

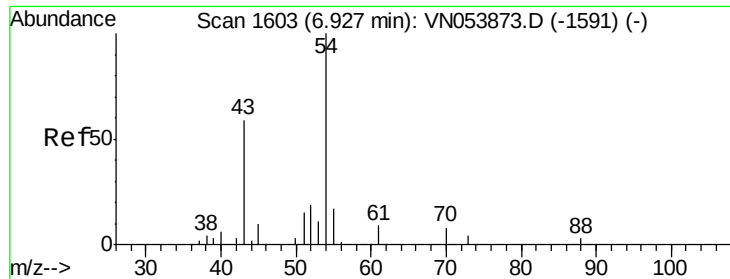
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.1	121.7
192	23.8	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 47.605 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN053904.D
 Acq: 22 Feb 2019 9:39

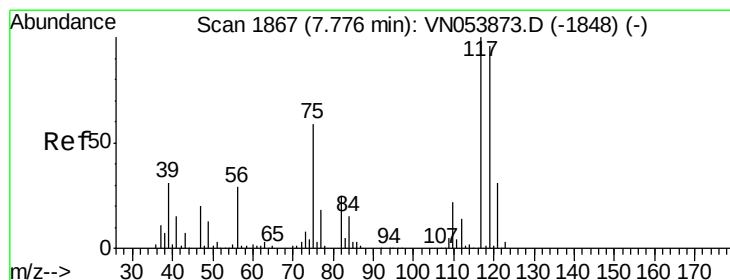
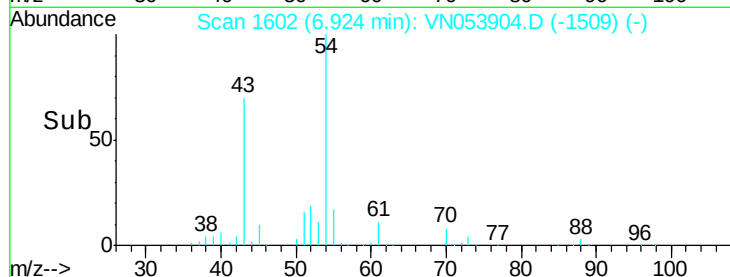
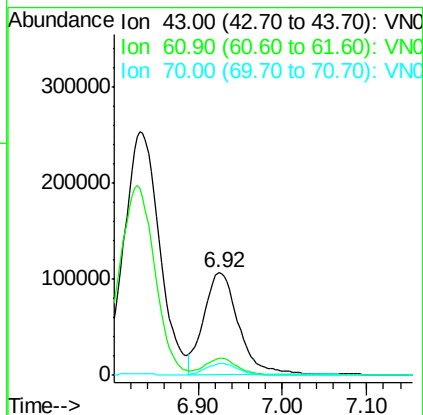
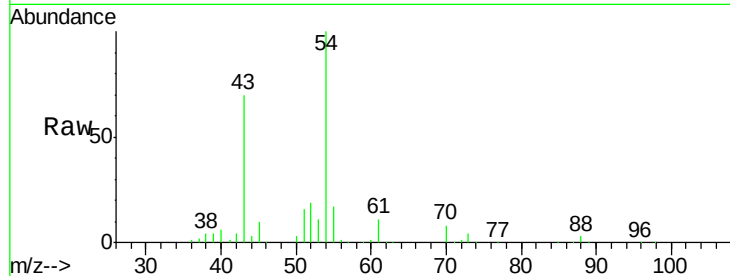
Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.2	19.0	57.0
77	31.9	25.4	38.0





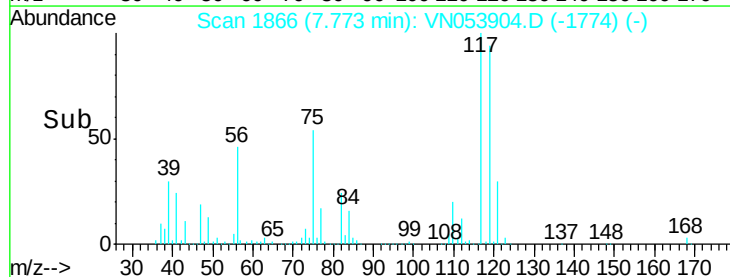
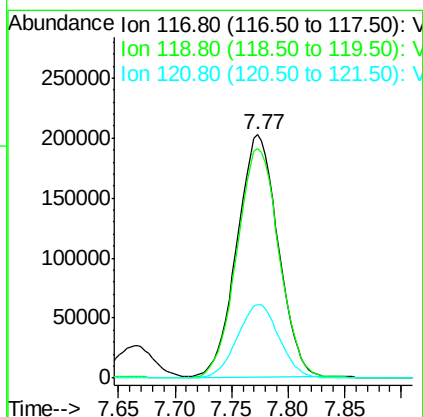
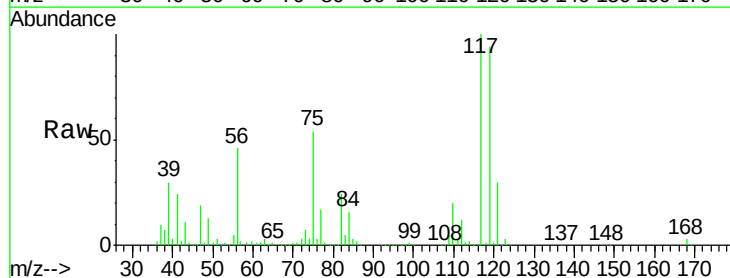
#37
Ethyl Acetate
Concen: 46.164 ug/l
RT: 6.92 min Scan# 1602
Delta R.T. -0.00 min
Lab File: VN053904.D
Acq: 22 Feb 2019 9:39

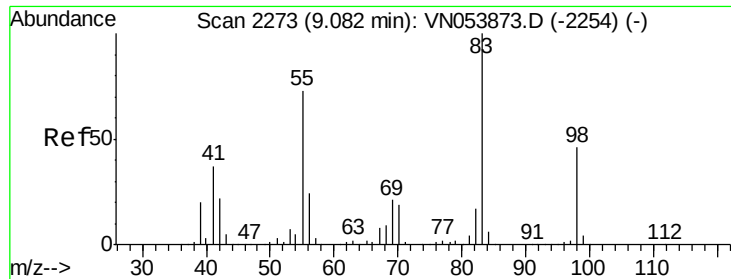
Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	12.0	18.0
70	10.6	8.7	13.1



#38
Carbon Tetrachloride
Concen: 46.948 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN053904.D
Acq: 22 Feb 2019 9:39

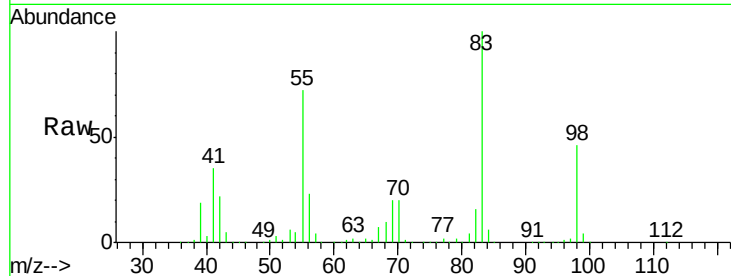
Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	76.2	114.2
121	30.4	24.6	36.8



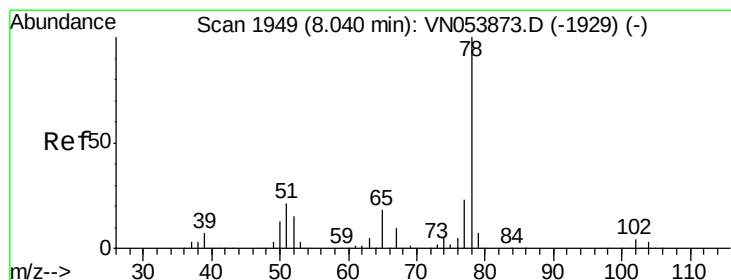
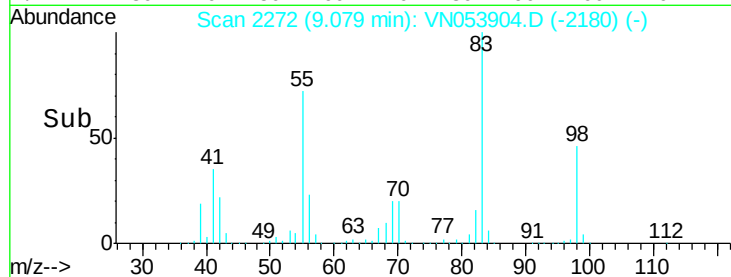
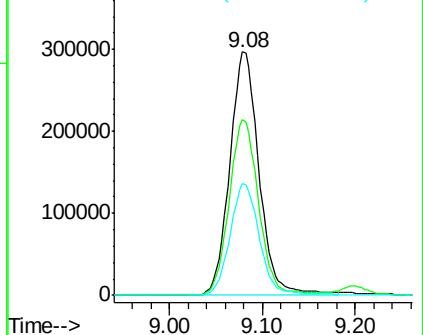


#39
Methylvlcyclohexane
Concen: 51.775 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN053904.D
Acq: 22 Feb 2019 9:39

Tot Ion	83	Resp	651501
Ion Ratio	100		
Lower	58.2		
Upper	87.4		
55	72.4		
98	45.8		
	37.2		

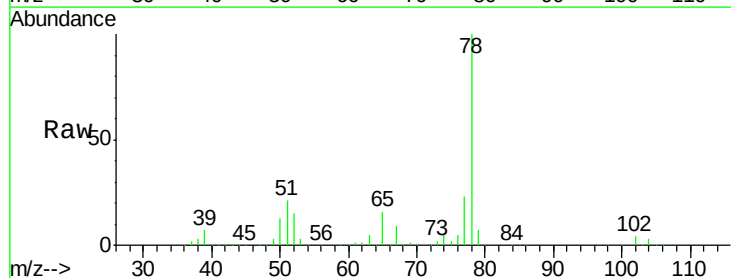


Abundance Ion 83.00 (82.70 to 83.70): VN053873.D (-2254) (-)

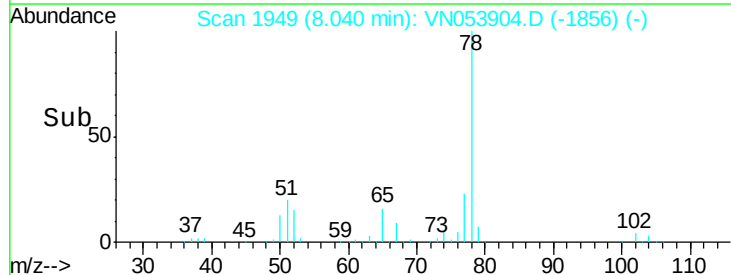
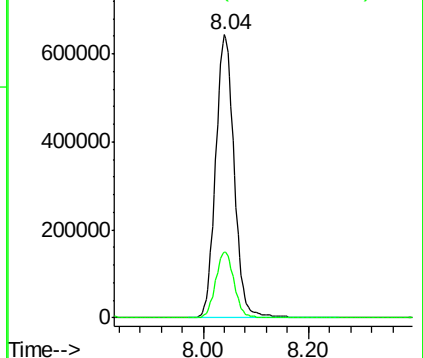


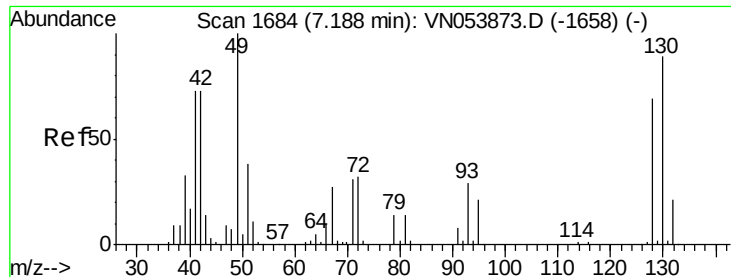
#40
Benzene
Concen: 48.434 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN053904.D
Acq: 22 Feb 2019 9:39

Tgt Ion	78	Resp	1563590
Ion Ratio	100		
Lower	18.8		
Upper	28.2		
77	23.3		



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





#41

Methacrylonitrile

Concen: 42.624 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. -0.02 min

Lab File: VN053904.D

Acq: 22 Feb 2019 9:39

Tot Ion: 41 Resp: 152954

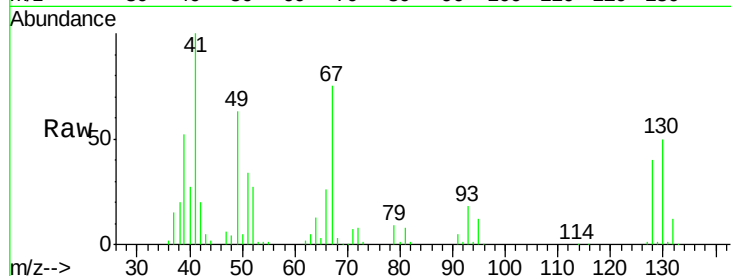
Ion Ratio Lower Upper

41 100

39 65.3 0.0 0.0#

67 95.2 0.0 0.0#

52 37.0 0.0 0.0#

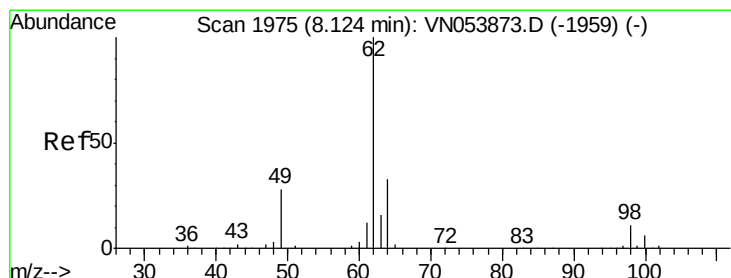
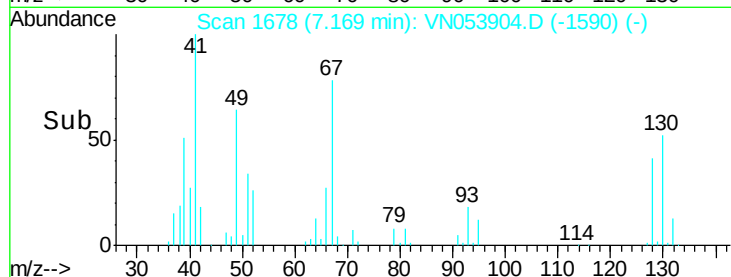
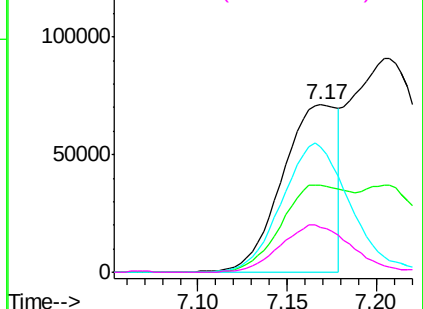


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 46.738 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. 0.00 min

Lab File: VN053904.D

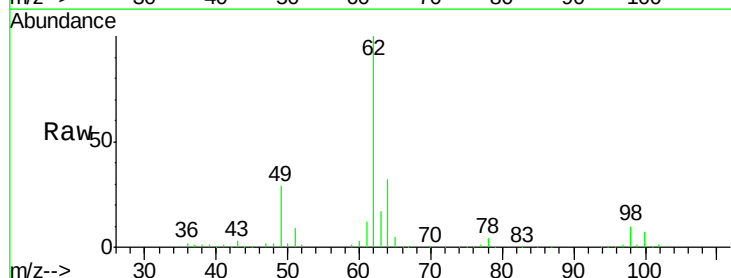
Acq: 22 Feb 2019 9:39

Tgt Ion: 62 Resp: 449812

Ion Ratio Lower Upper

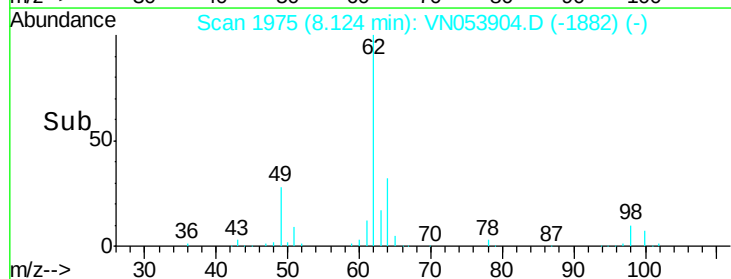
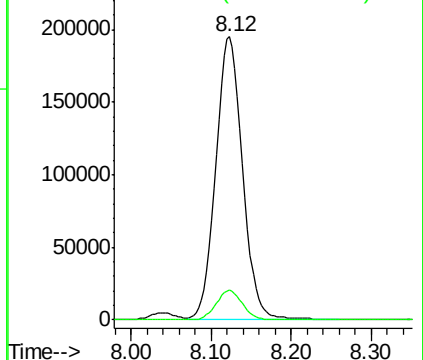
62 100

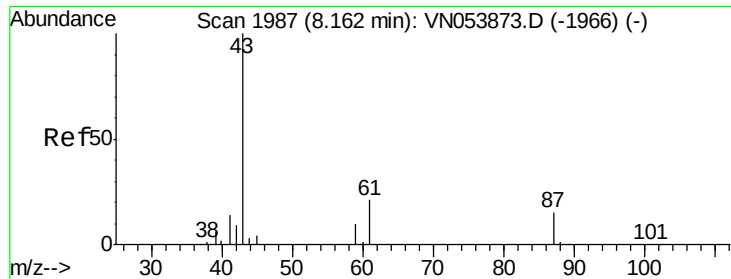
98 10.3 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 44.309 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN053904.D

Acq: 22 Feb 2019 9:39

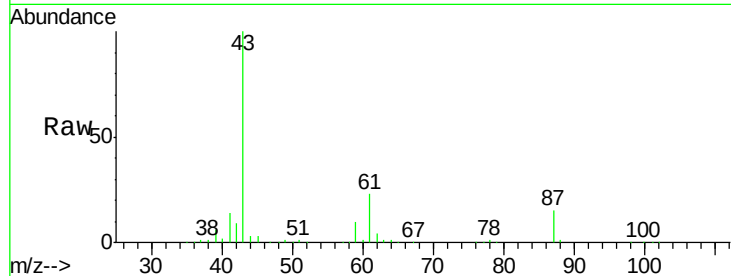
Tot Ion: 43 Resp: 516115

Ion Ratio Lower Upper

43 100

61 21.1 17.4 26.0

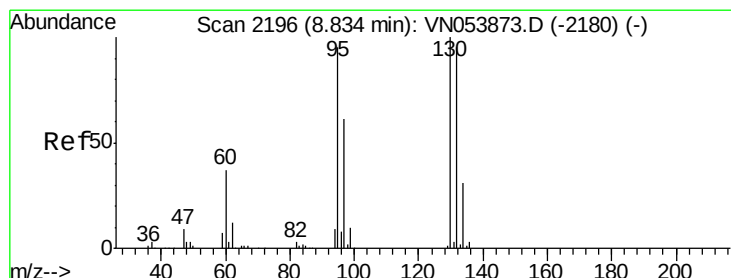
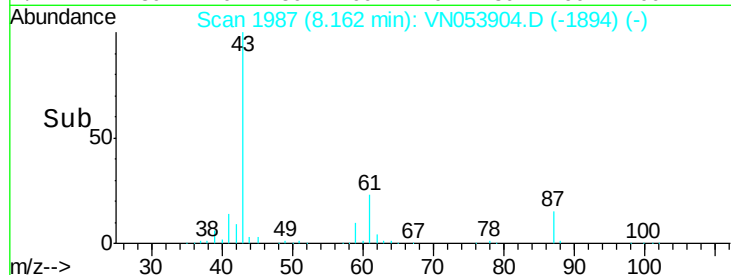
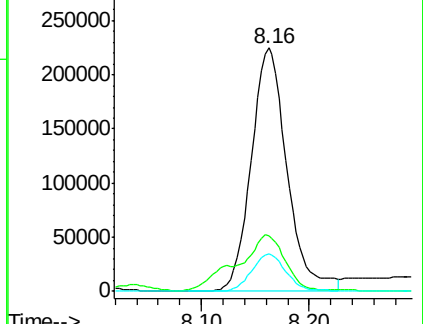
87 15.0 11.5 17.3



Abundance Ion 43.00 (42.70 to 43.70): VN053873.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN053873.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN053873.D (-1966) (-)



#44

Trichloroethene

Concen: 49.235 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN053904.D

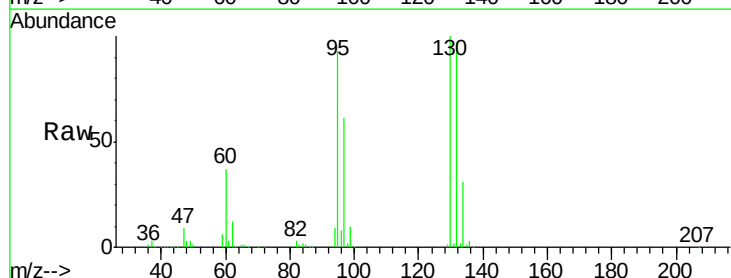
Acq: 22 Feb 2019 9:39

Tgt Ion:130 Resp: 444950

Ion Ratio Lower Upper

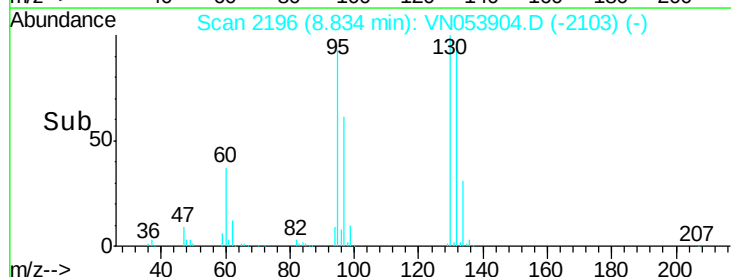
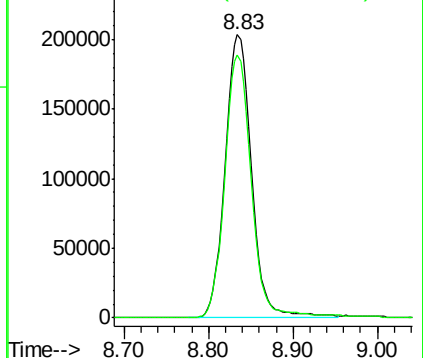
130 100

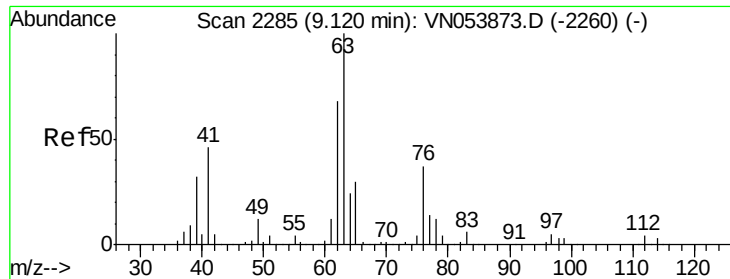
95 93.0 0.0 190.0



Abundance Ion 129.80 (129.50 to 130.50): VN053873.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN053873.D (-2180) (-)





#45

1,2-Dichloropropane

Concen: 49.103 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN053904.D

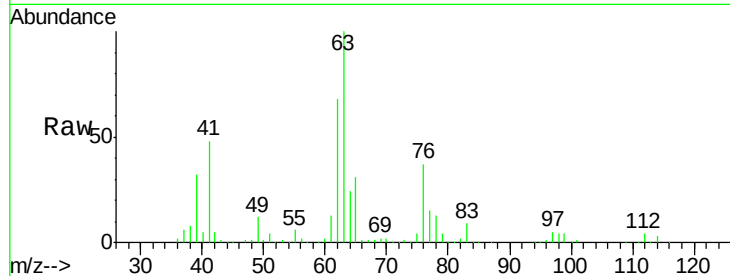
Acq: 22 Feb 2019 9:39

Tot Ion: 63 Resp: 404706

Ion Ratio Lower Upper

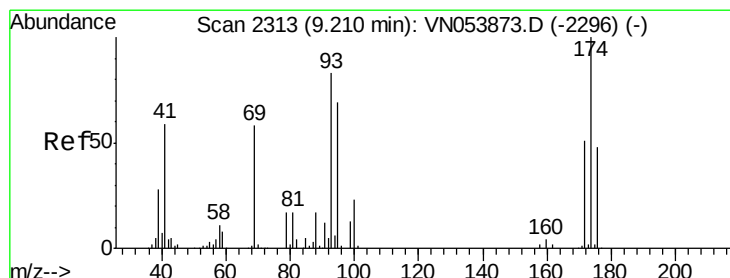
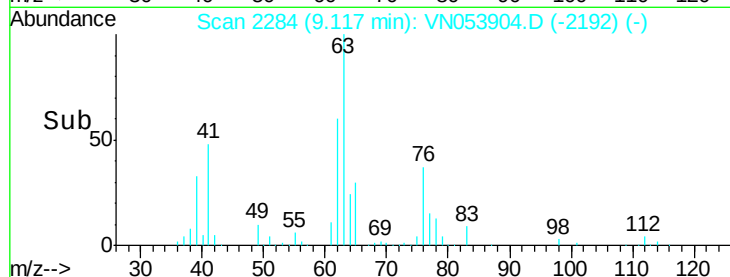
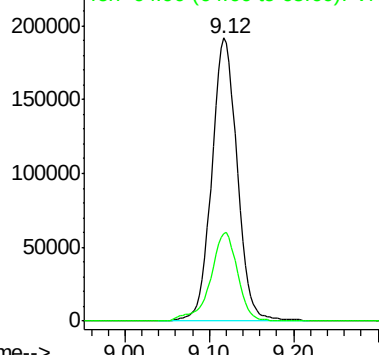
63 100

65 31.0 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 48.282 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN053904.D

Acq: 22 Feb 2019 9:39

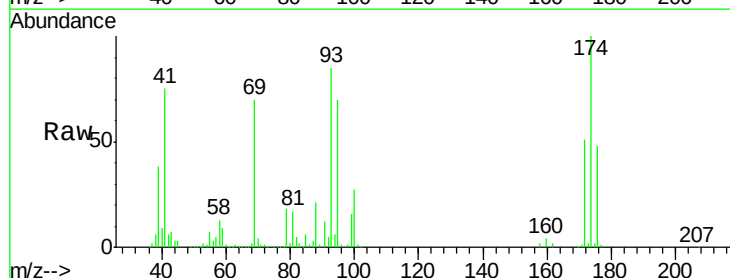
Tgt Ion: 93 Resp: 239606

Ion Ratio Lower Upper

93 100

95 83.7 66.6 100.0

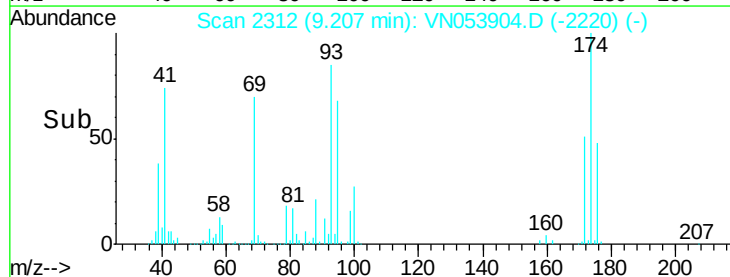
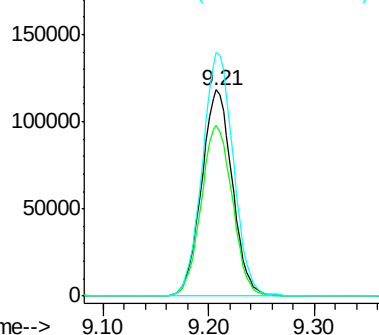
174 119.0 96.2 144.4

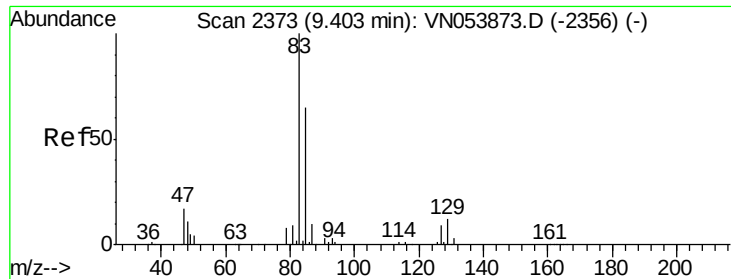


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.607 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN053904.D

Acq: 22 Feb 2019 9:39

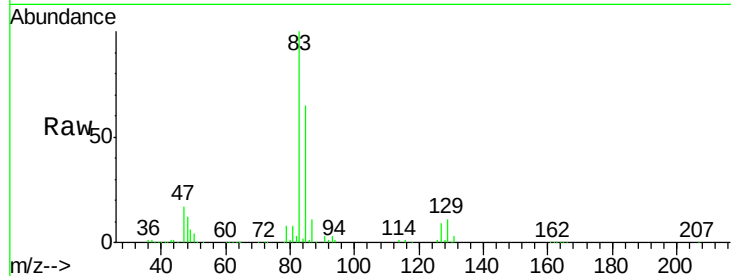
Tot Ion: 83 Resp: 508872

Ion Ratio Lower Upper

83 100

85 64.6 51.8 77.6

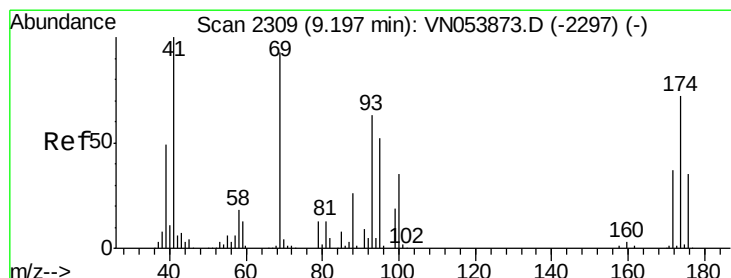
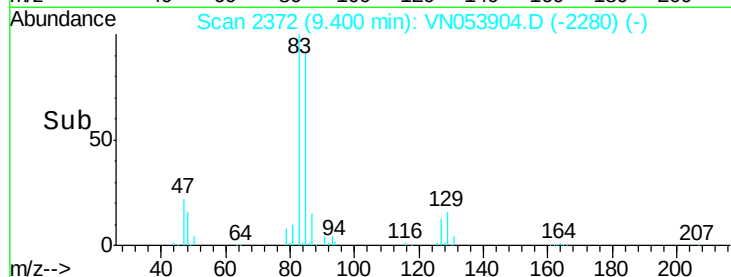
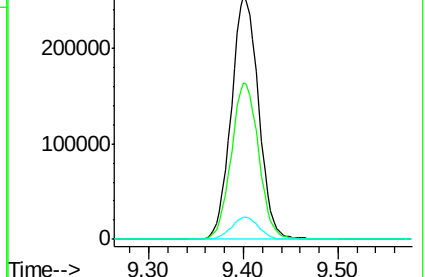
127 9.3 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN053873.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN053873.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN053873.D (-2356) (-)



#48

Methyl methacrylate

Concen: 50.429 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN053904.D

Acq: 22 Feb 2019 9:39

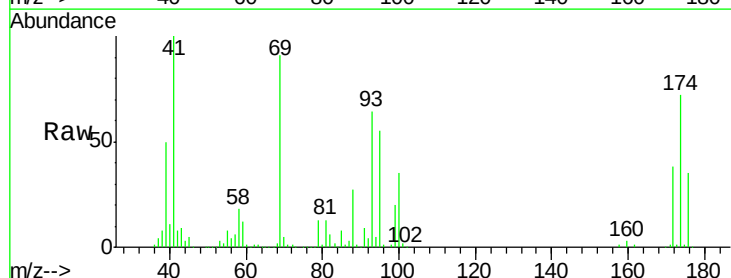
Tgt Ion: 41 Resp: 251852

Ion Ratio Lower Upper

41 100

69 99.7 74.8 112.2

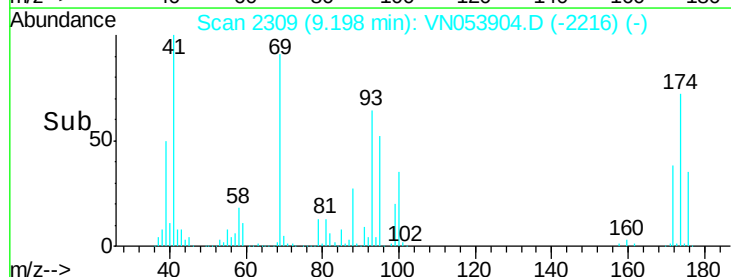
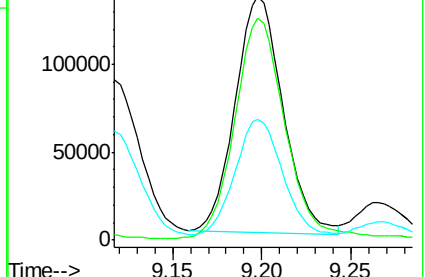
39 53.4 39.0 58.6

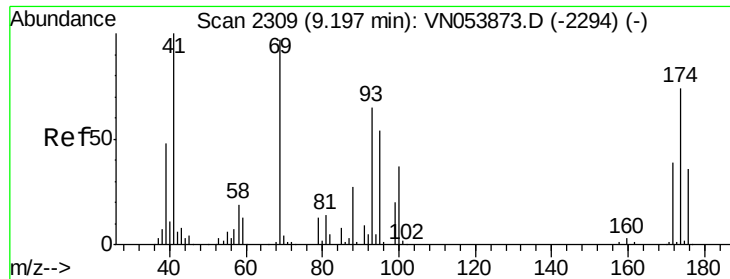


Abundance Ion 41.00 (40.70 to 41.70): VN053873.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN053873.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN053873.D (-2297) (-)





#49

1,4-Dioxane

Concen: 948.167 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN053904.D

Acq: 22 Feb 2019 9:39

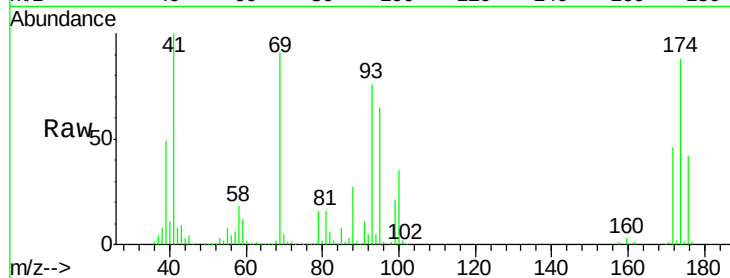
Tot Ion: 88 Resp: 76592

Ion Ratio Lower Upper

88 100

43 30.2 21.2 31.8

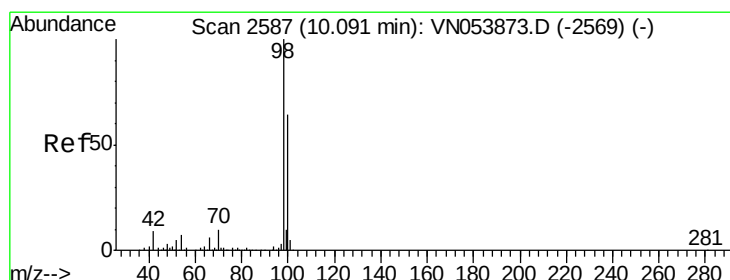
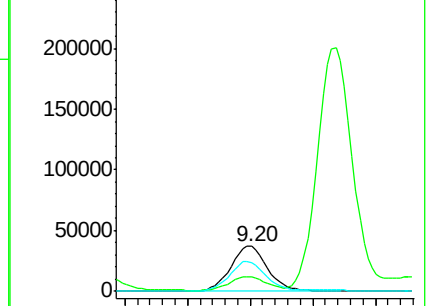
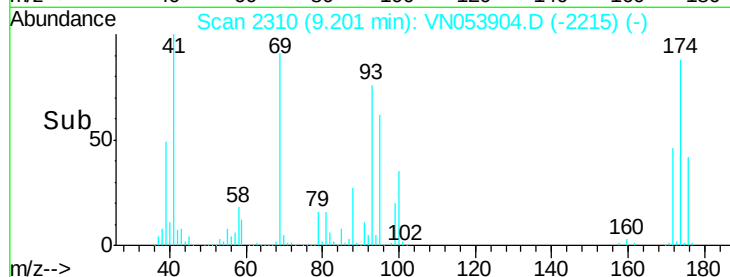
58 65.4 54.2 81.2



Abundance Ion 88.00 (87.70 to 88.70): VN053904.D (-2215) (-)

Ion 43.00 (42.70 to 43.70): VN053904.D (-2215) (-)

Ion 58.00 (57.70 to 58.70): VN053904.D (-2215) (-)



#50

Toluene-d8

Concen: 51.408 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053904.D

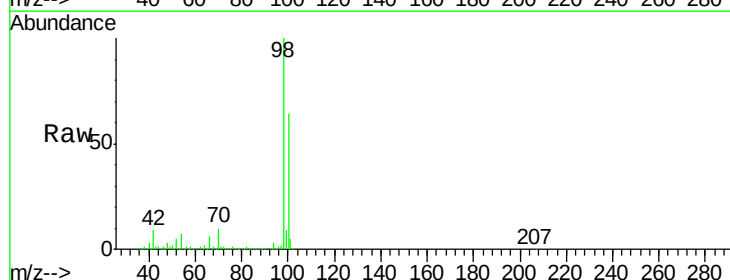
Acq: 22 Feb 2019 9:39

Tgt Ion: 98 Resp: 1451717

Ion Ratio Lower Upper

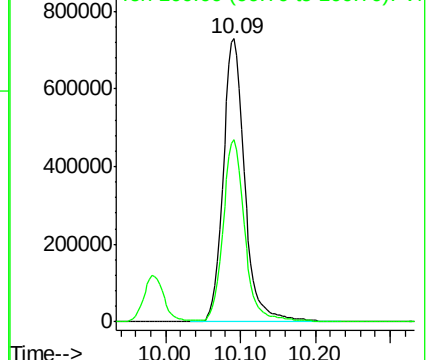
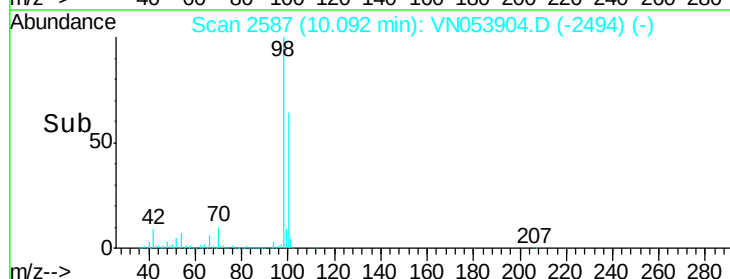
98 100

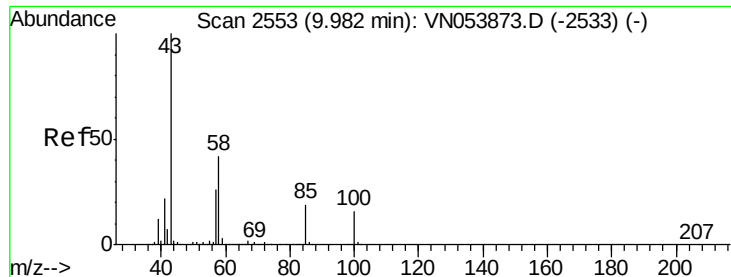
100 65.0 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN053904.D (-2494) (-)

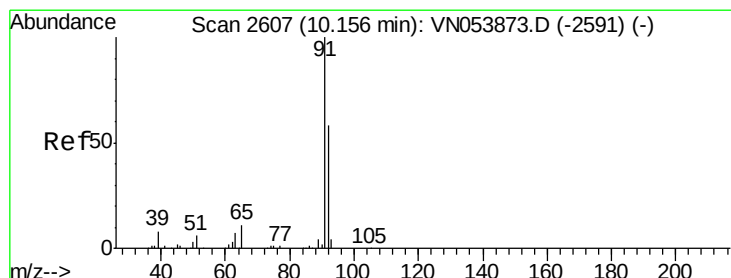
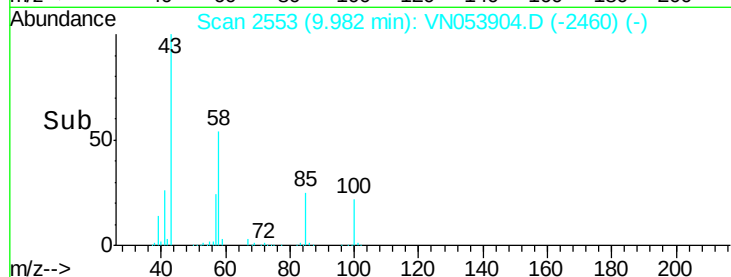
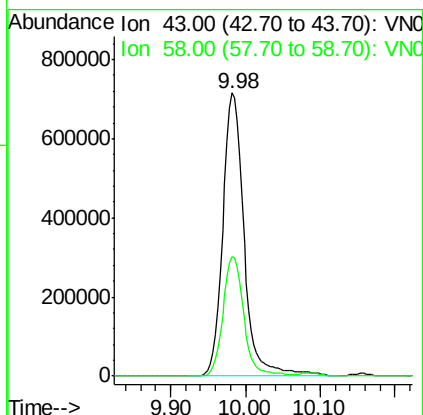
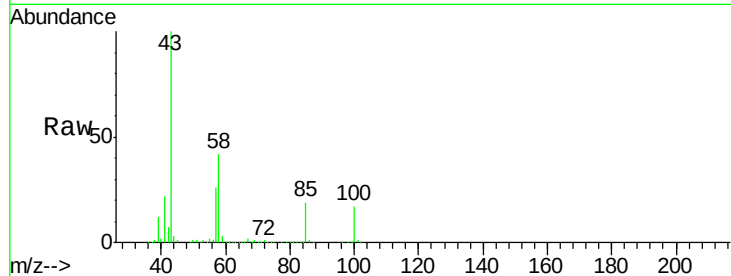
Ion 100.00 (99.70 to 100.70): VN053904.D (-2494) (-)





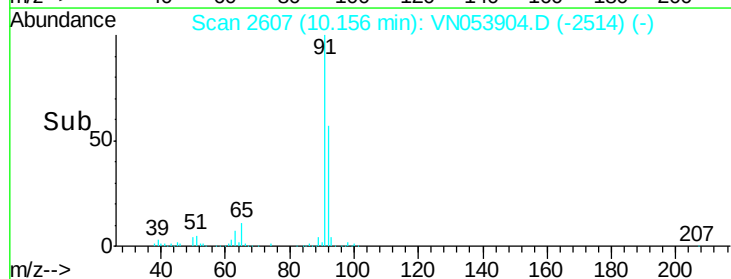
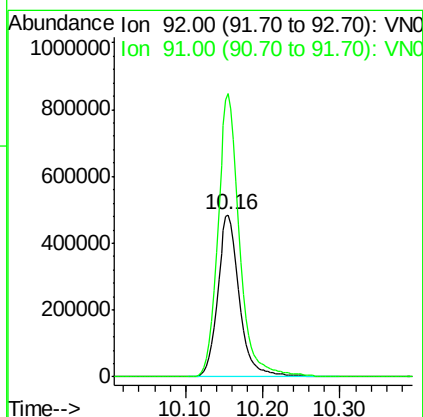
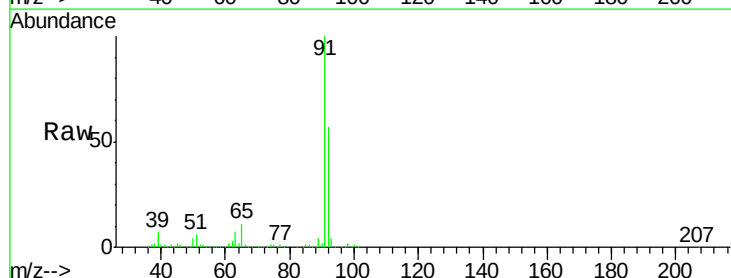
#51
 4-Methyl-2-Pentanone
 Concen: 235.489 ug/l
 RT: 9.98 min Scan# 2553
 Delta R.T. 0.00 min
 Lab File: VN053904.D
 Acq: 22 Feb 2019 9:39

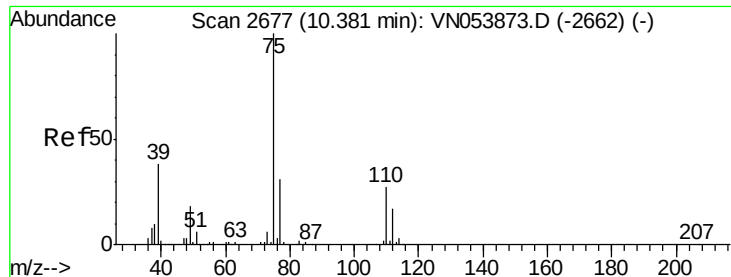
Tot Ion: 43 Resp: 1406996
 Ion Ratio Lower Upper
 43 100
 58 41.5 32.7 49.1



#52
 Toluene
 Concen: 49.756 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN053904.D
 Acq: 22 Feb 2019 9:39

Tgt Ion: 92 Resp: 951893
 Ion Ratio Lower Upper
 92 100
 91 174.7 138.4 207.6

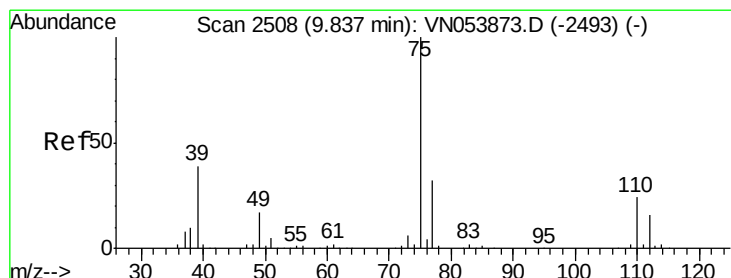
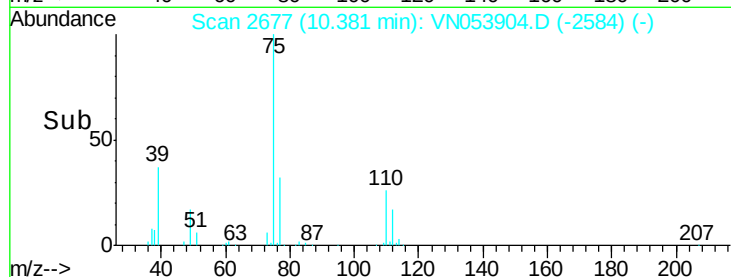
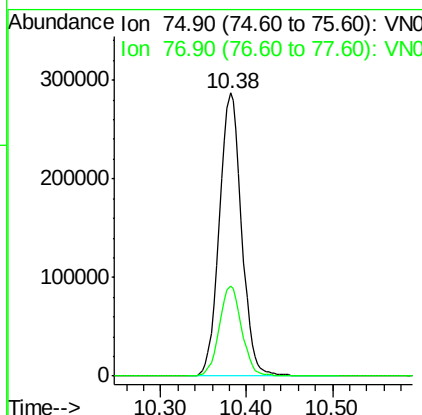
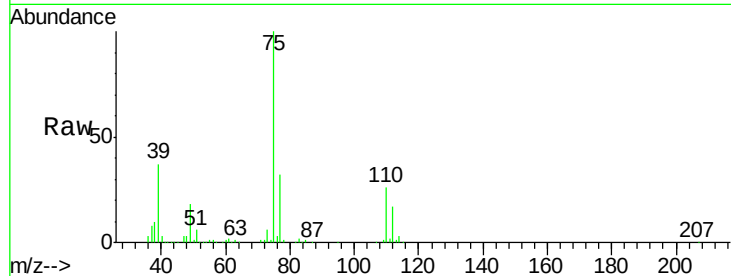




#53
t-1,3-Dichloropropene
Concen: 50.805 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN053904.D
Acq: 22 Feb 2019 9:39

Tot Ion: 75 Resp: 516485

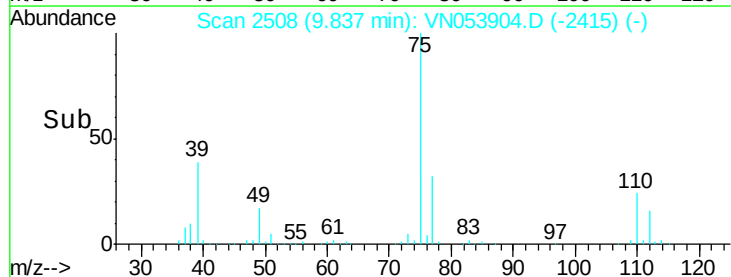
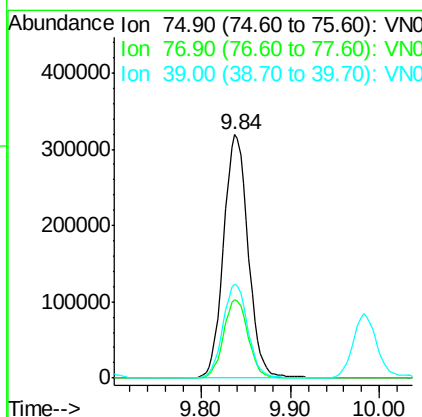
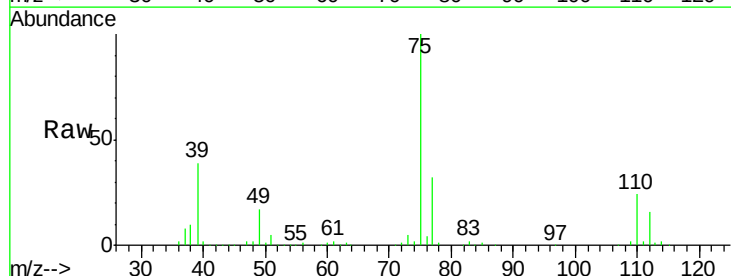
Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.0	37.6

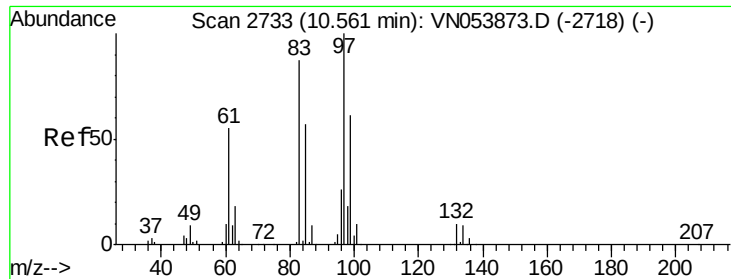


#54
cis-1,3-Dichloropropene
Concen: 50.893 ug/l
RT: 9.84 min Scan# 2508
Delta R.T. 0.00 min
Lab File: VN053904.D
Acq: 22 Feb 2019 9:39

Tgt Ion: 75 Resp: 609816

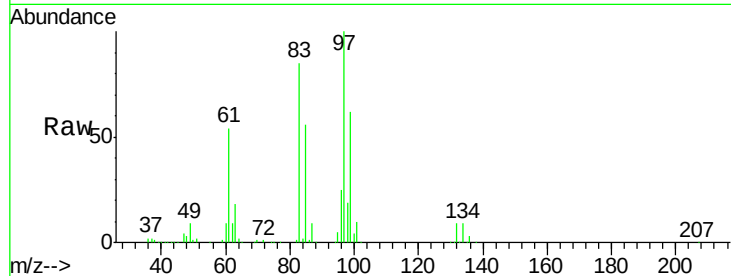
Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.8	38.6
39	38.7	31.4	47.0



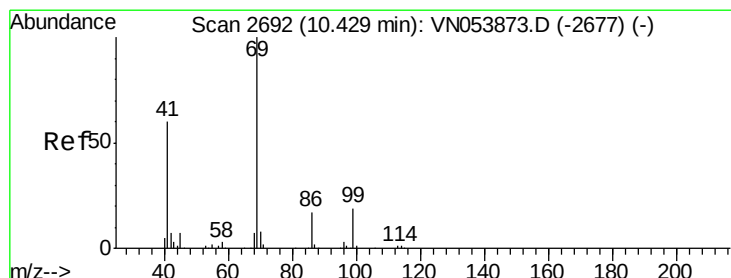
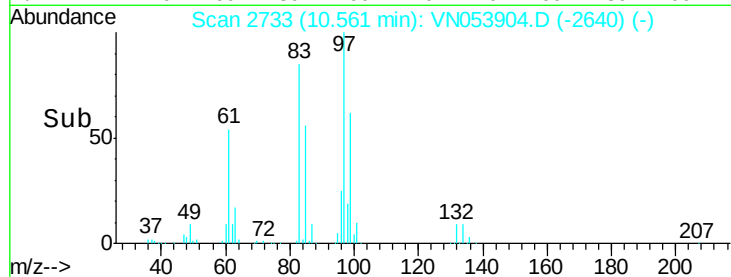
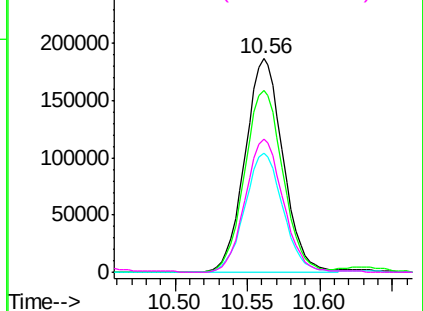


#55
 1,1,2-Trichloroethane
 Concen: 48.691 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN053904.D
 Acq: 22 Feb 2019 9:39

Tot Ion:	97	Resp:	340522
Ion	Ratio	Lower	Upper
97	100		
83	85.3	69.5	104.3
85	55.8	45.9	68.9
99	62.1	49.1	73.7

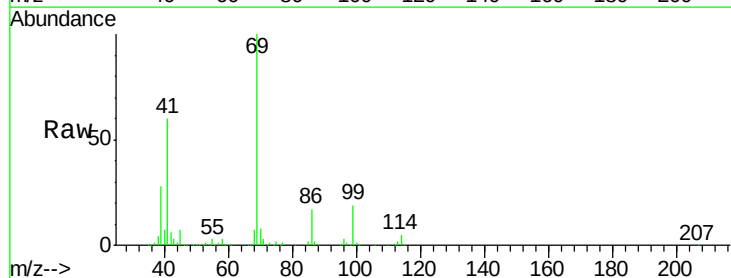


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

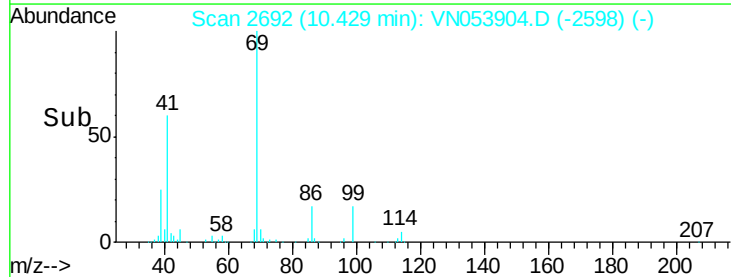
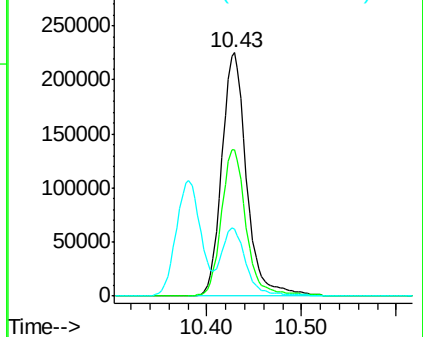


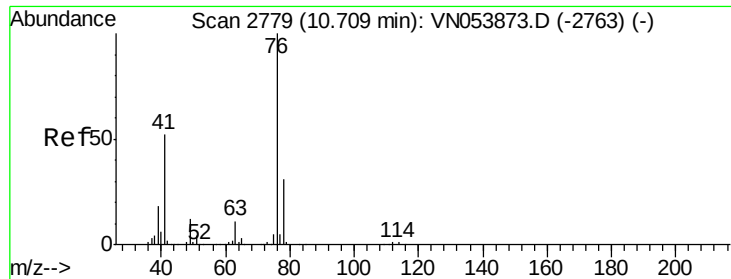
#56
 Ethyl methacrylate
 Concen: 45.852 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN053904.D
 Acq: 22 Feb 2019 9:39

Tgt Ion:	69	Resp:	410495
Ion	Ratio	Lower	Upper
69	100		
41	59.5	47.5	71.3
39	27.7	23.4	35.0



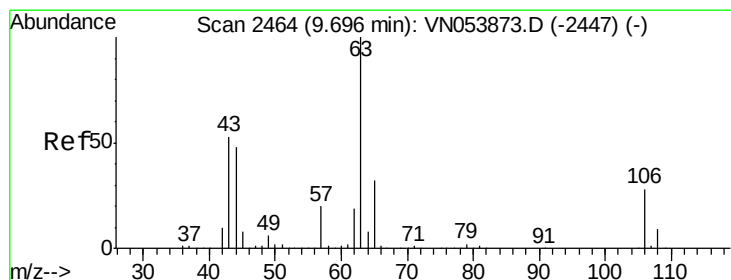
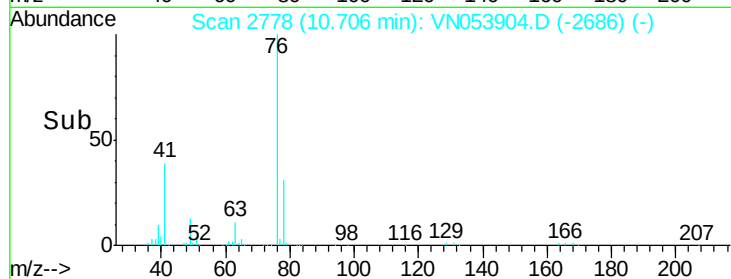
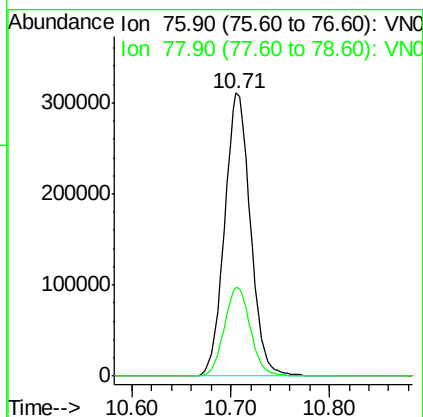
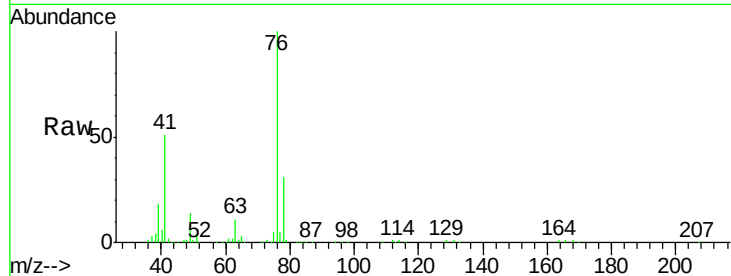
Abundance Ion 69.00 (68.70 to 69.70): VN0
 Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0





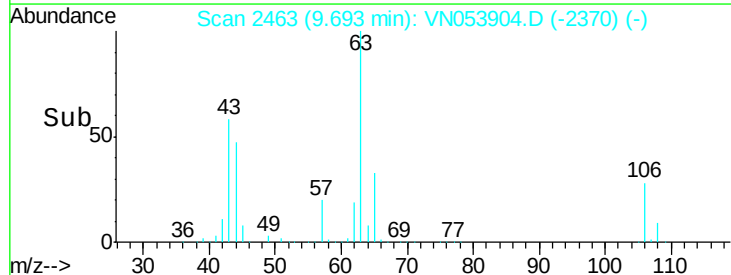
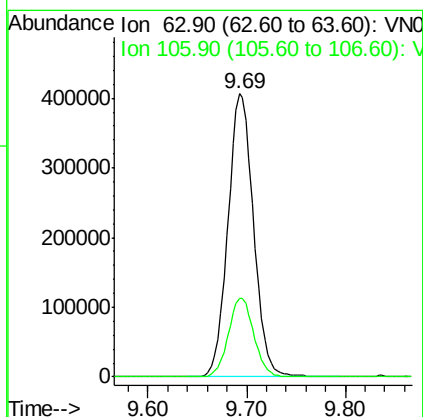
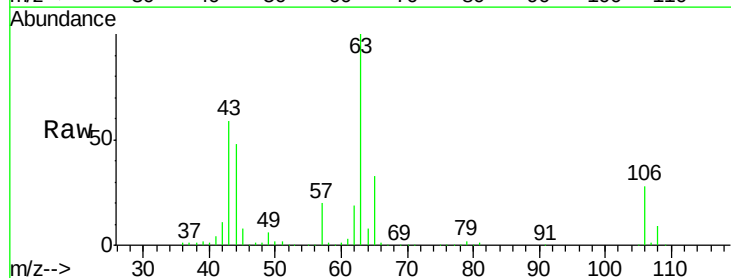
#57
 1,3-Dichloropropane
 Concen: 48.418 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN053904.D
 Acq: 22 Feb 2019 9:39

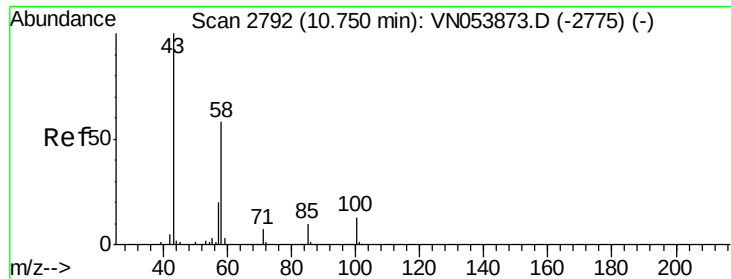
Tot Ion: 76 Resp: 570140
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 186.241 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN053904.D
 Acq: 22 Feb 2019 9:39

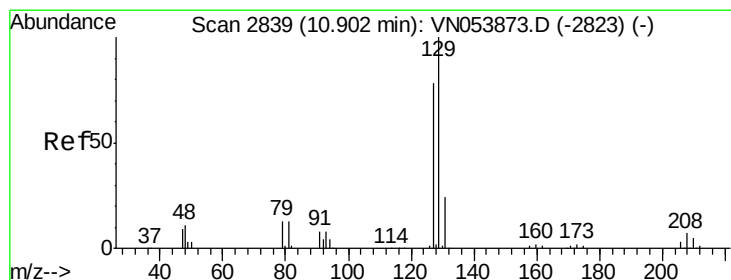
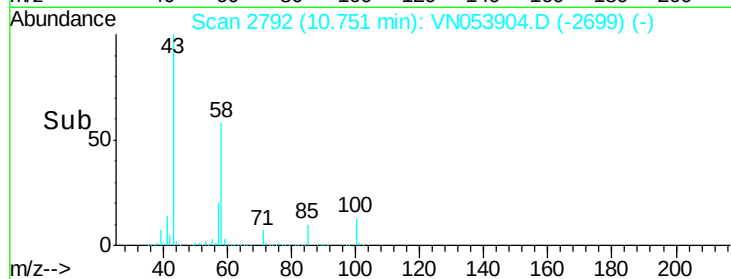
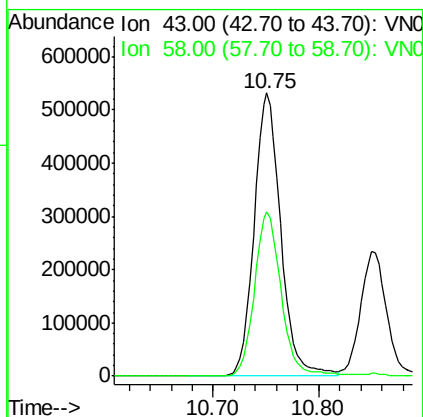
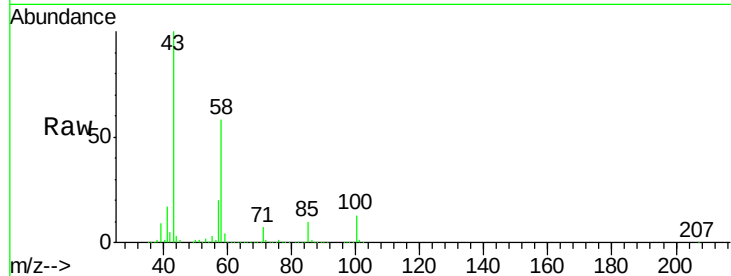
Tgt Ion: 63 Resp: 738308
 Ion Ratio Lower Upper
 63 100
 106 27.7 22.2 33.2





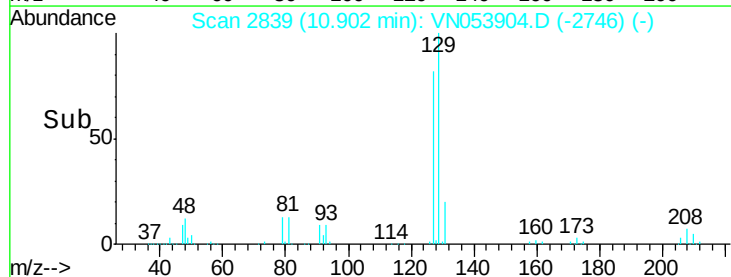
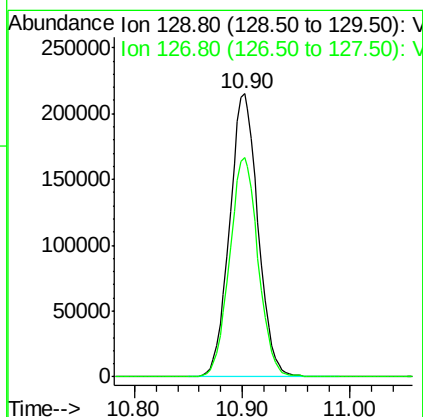
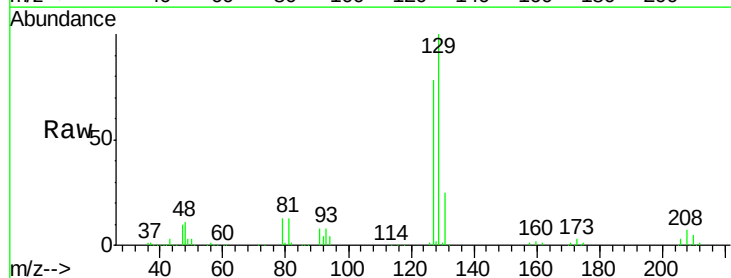
#59
2-Hexanone
Concen: 256.264 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN053904.D
Acq: 22 Feb 2019 9:39

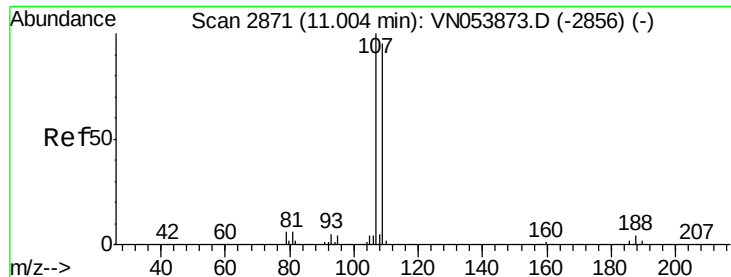
Tot Ion: 43 Resp: 936507
Ion Ratio Lower Upper
43 100
58 58.2 29.1 87.4



#60
Dibromochloromethane
Concen: 48.486 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN053904.D
Acq: 22 Feb 2019 9:39

Tgt Ion: 129 Resp: 395802
Ion Ratio Lower Upper
129 100
127 77.6 38.8 116.3





#61

1,2-Dibromoethane

Concen: 47.654 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN053904.D

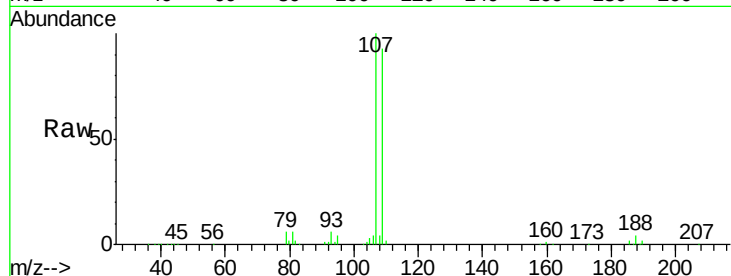
Acq: 22 Feb 2019 9:39

Tot Ion: 107 Resp: 331101

Ion Ratio Lower Upper

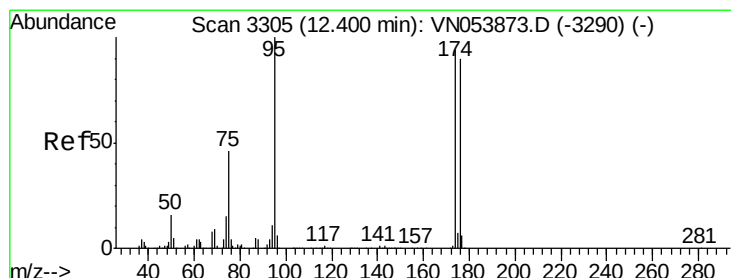
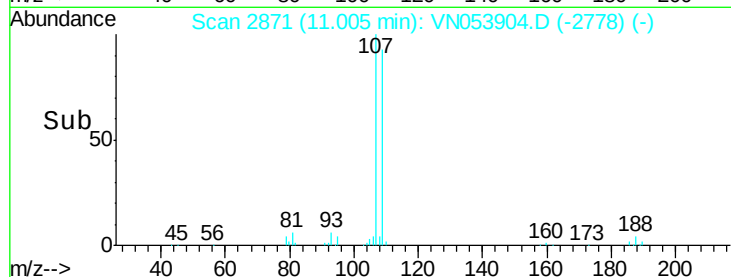
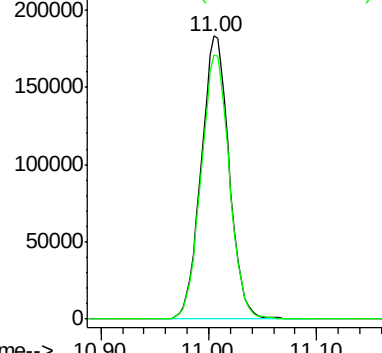
107 100

109 94.8 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: 50.165 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN053904.D

Acq: 22 Feb 2019 9:39

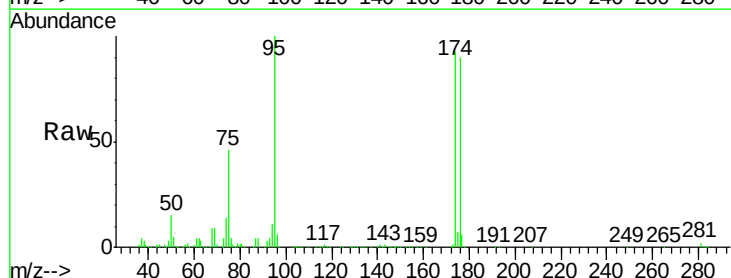
Tgt Ion: 95 Resp: 467686

Ion Ratio Lower Upper

95 100

174 95.8 0.0 188.8

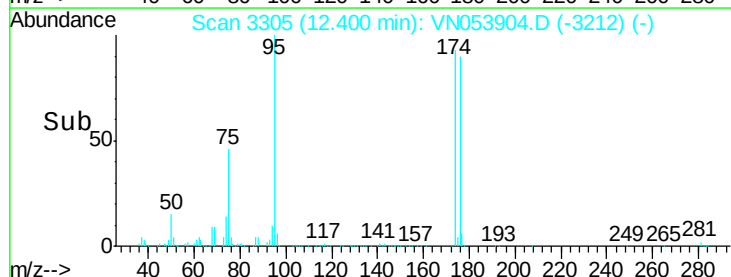
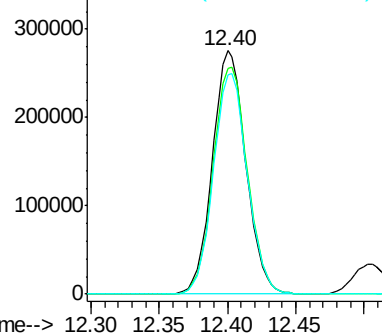
176 92.1 0.0 182.6

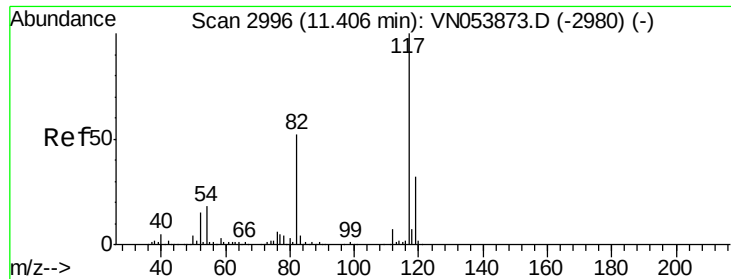


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

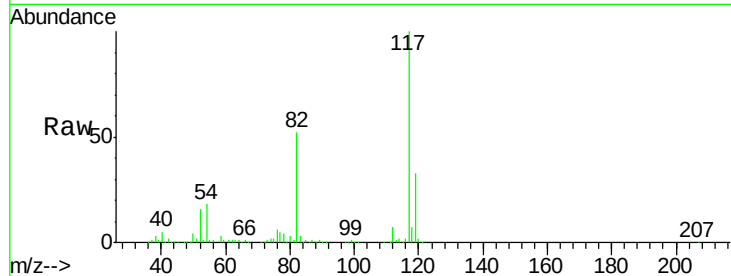
Ion 175.80 (175.50 to 176.50): V



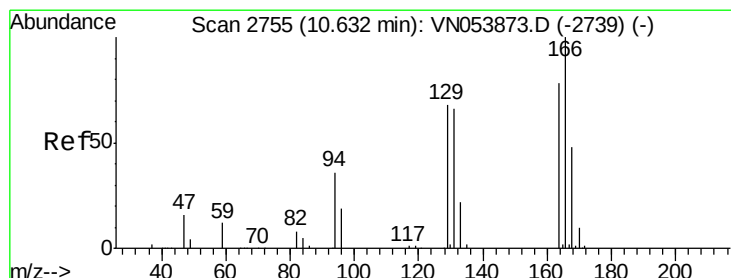
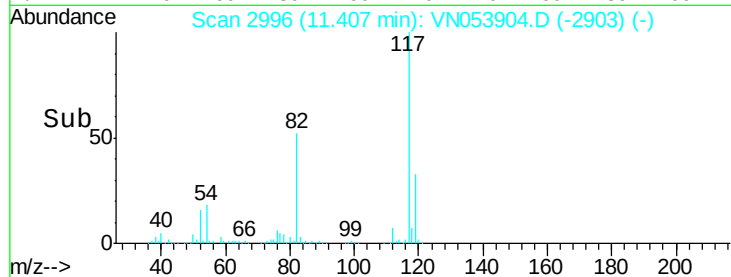
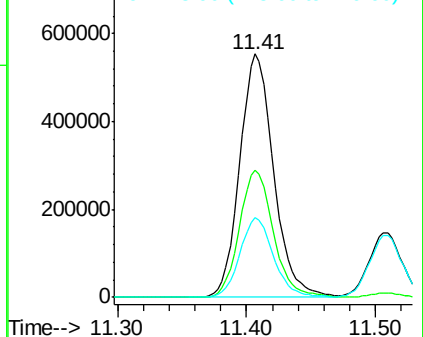


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053904.D
Acq: 22 Feb 2019 9:39

Tot Ion:117 Resp: 1015448
Ion Ratio Lower Upper
117 100
82 52.4 41.4 62.2
119 32.5 25.3 37.9

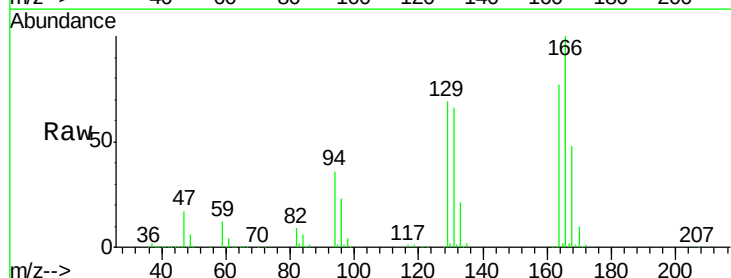


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

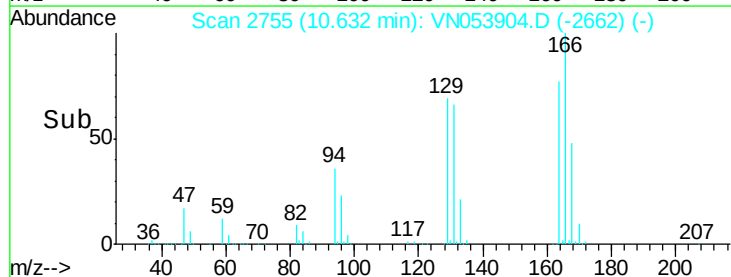
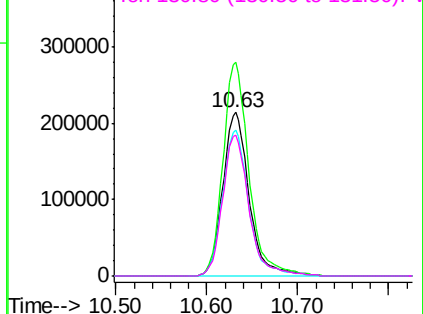


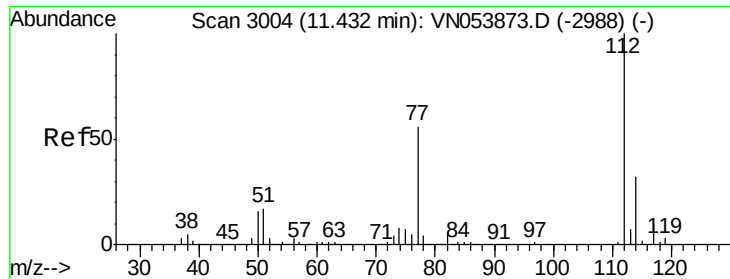
#64
Tetrachloroethene
Concen: 47.415 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN053904.D
Acq: 22 Feb 2019 9:39

Tgt Ion:164 Resp: 430536
Ion Ratio Lower Upper
164 100
166 130.5 102.6 153.8
129 89.4 69.4 104.0
131 85.9 68.1 102.1



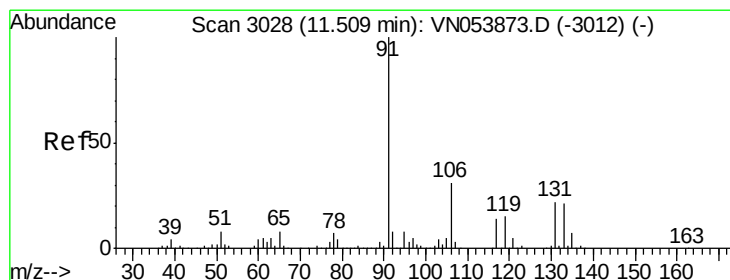
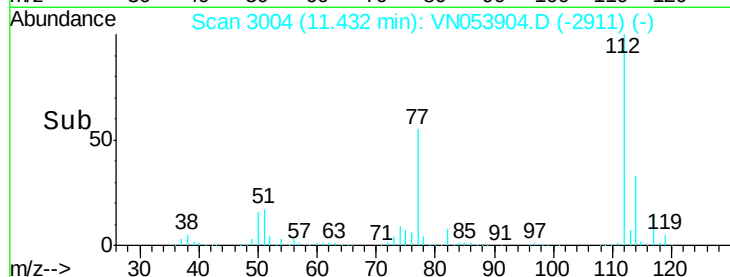
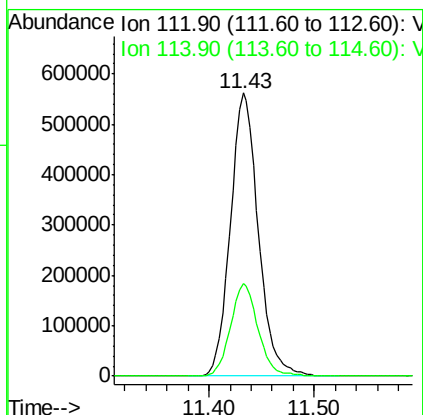
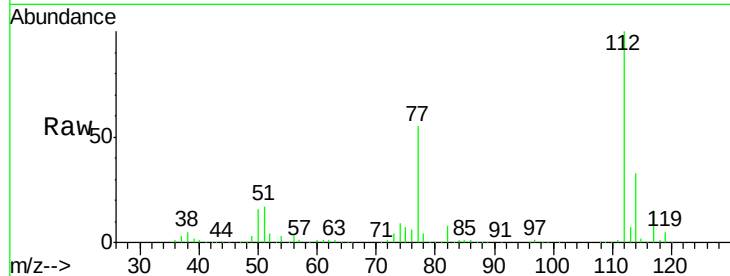
Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





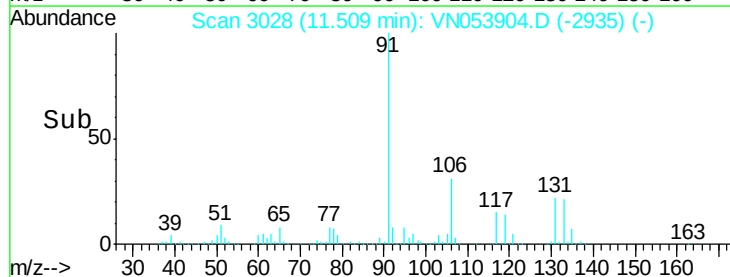
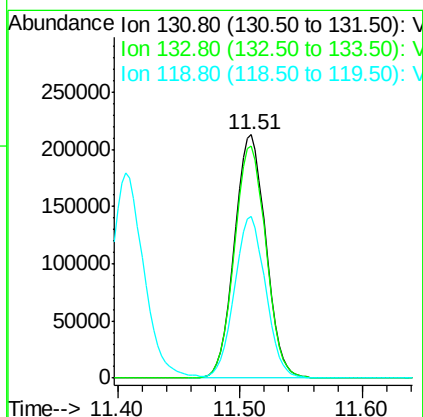
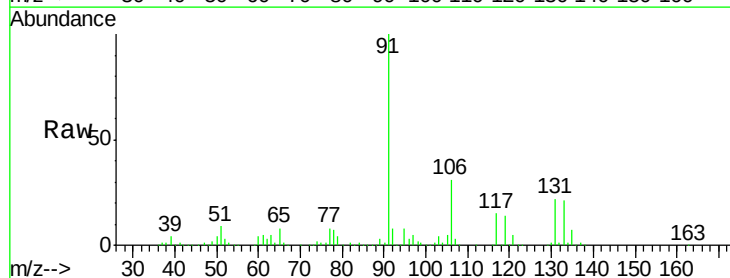
#65
Chlorobenzene
Concen: 48.326 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN053904.D
Acq: 22 Feb 2019 9:39

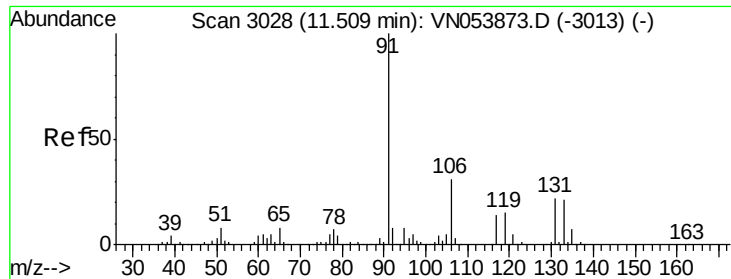
Tot Ion:112 Resp: 1027150
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 49.035 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN053904.D
Acq: 22 Feb 2019 9:39

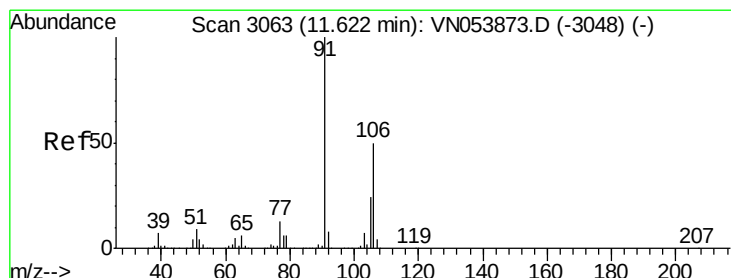
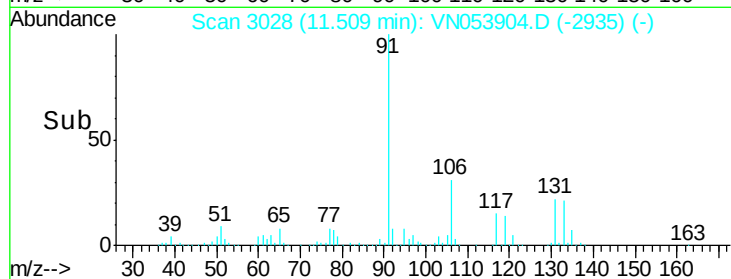
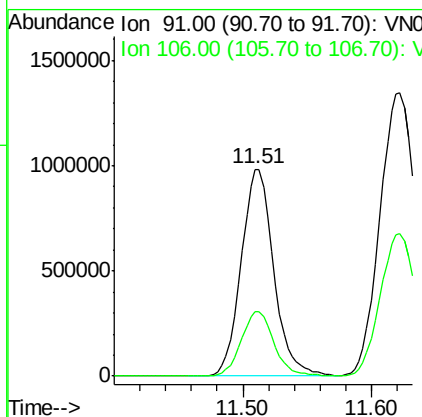
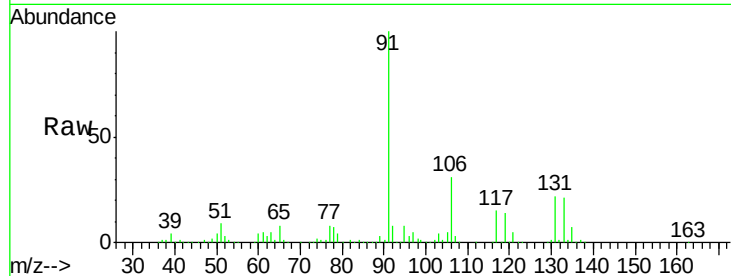
Tgt Ion:131 Resp: 380325
Ion Ratio Lower Upper
131 100
133 95.9 47.7 143.1
119 65.9 33.1 99.3





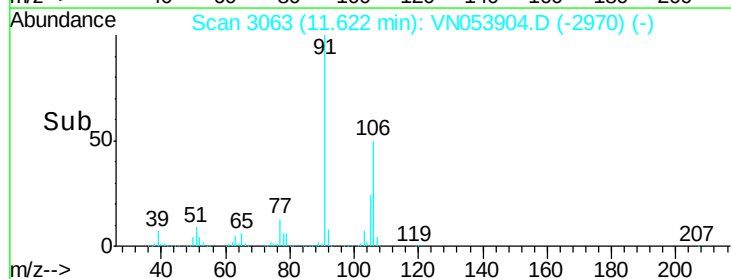
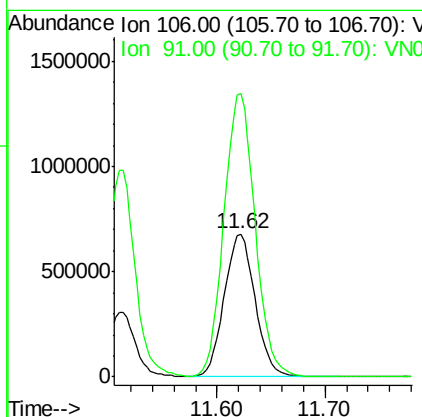
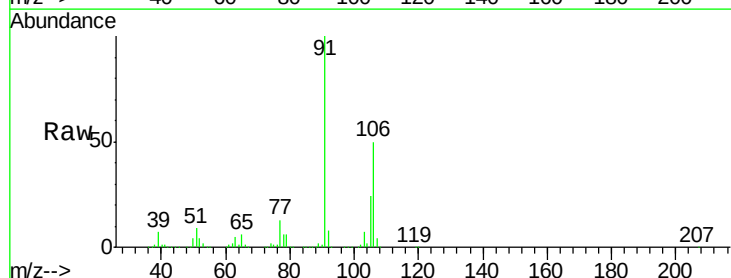
#67
Ethyl Benzene
Concen: 50.294 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN053904.D
Acq: 22 Feb 2019 9:39

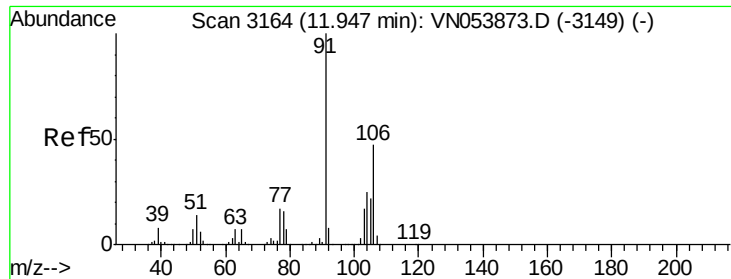
Tot Ion: 91 Resp: 1730019
Ion Ratio Lower Upper
91 100
106 31.4 25.2 37.8



#68
m/p-Xylenes
Concen: 101.593 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053904.D
Acq: 22 Feb 2019 9:39

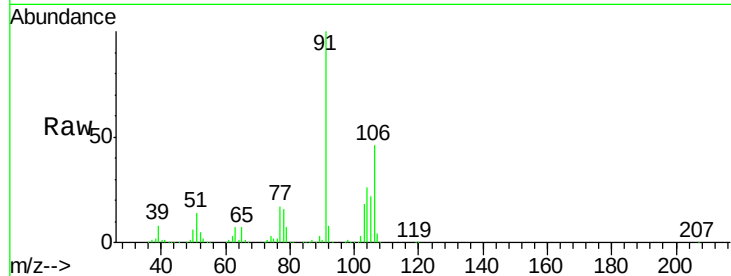
Tgt Ion: 106 Resp: 1353117
Ion Ratio Lower Upper
106 100
91 200.5 158.9 238.3



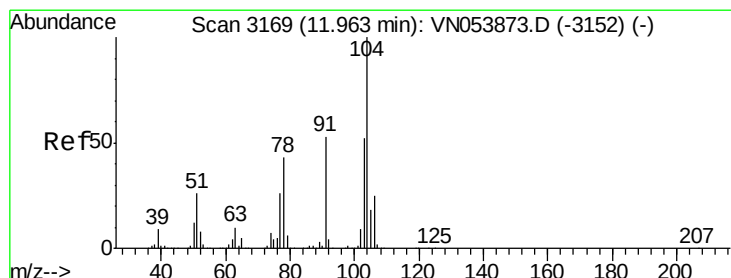
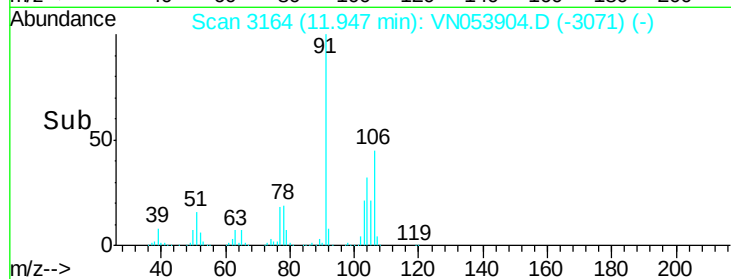
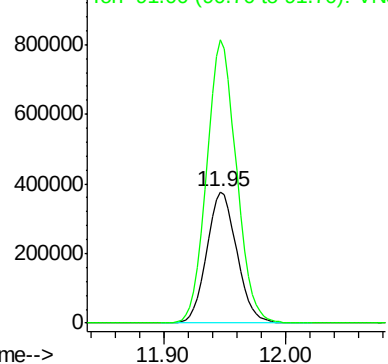


#69
o-Xylene
Concen: 50.291 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053904.D
Acq: 22 Feb 2019 9:39

Tot Ion:106 Resp: 644854
Ion Ratio Lower Upper
106 100
91 213.0 106.0 318.0

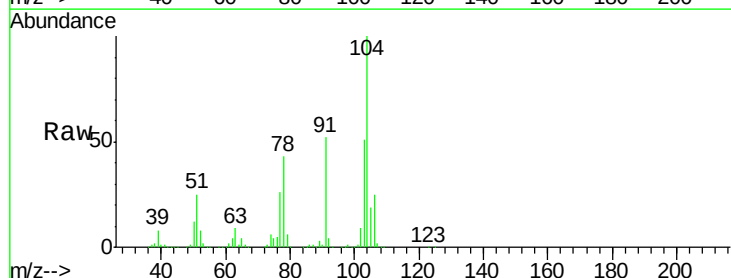


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

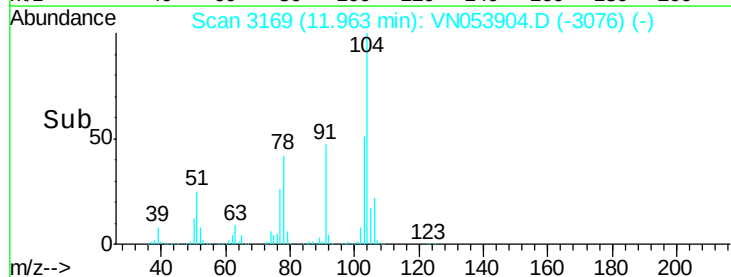
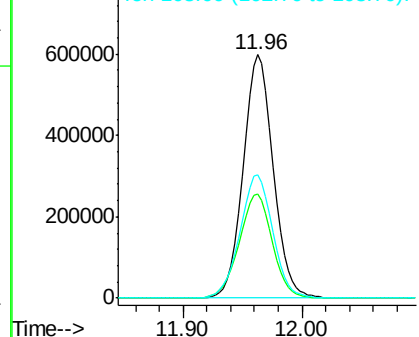


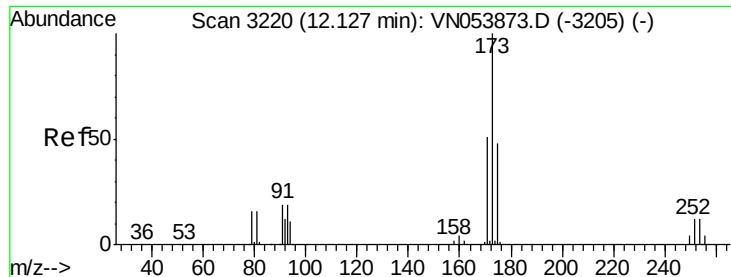
#70
Styrene
Concen: 51.898 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN053904.D
Acq: 22 Feb 2019 9:39

Tgt Ion:104 Resp: 1044254
Ion Ratio Lower Upper
104 100
78 47.3 38.1 57.1
103 55.5 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: 48.785 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN053904.D

Acq: 22 Feb 2019 9:39

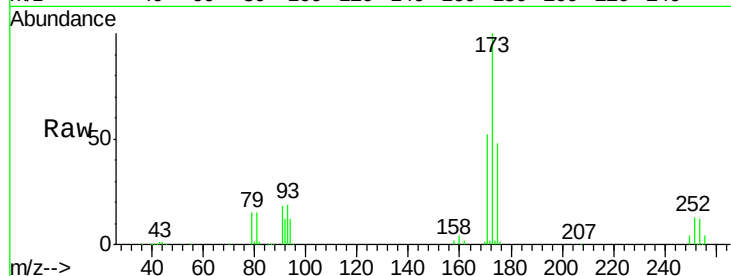
Tot Ion:173 Resp: 268534

Ion Ratio Lower Upper

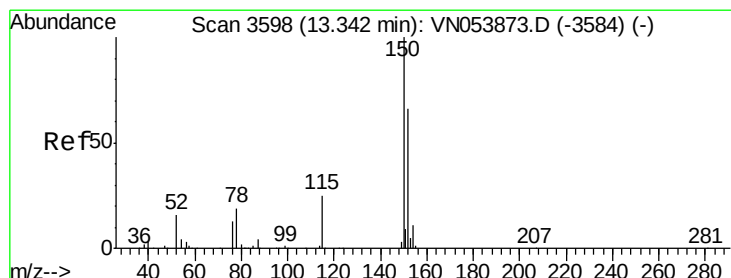
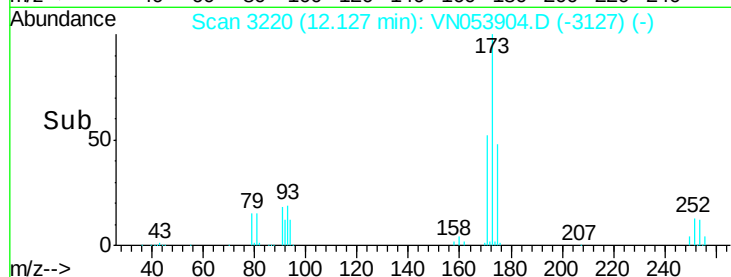
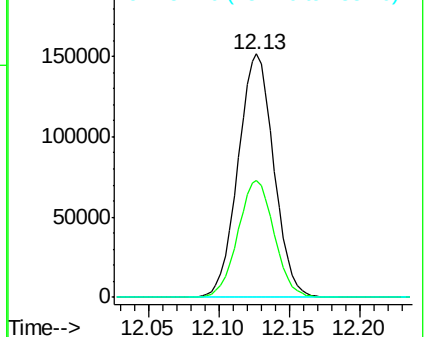
173 100

175 48.8 24.3 72.8

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN053904.D

Acq: 22 Feb 2019 9:39

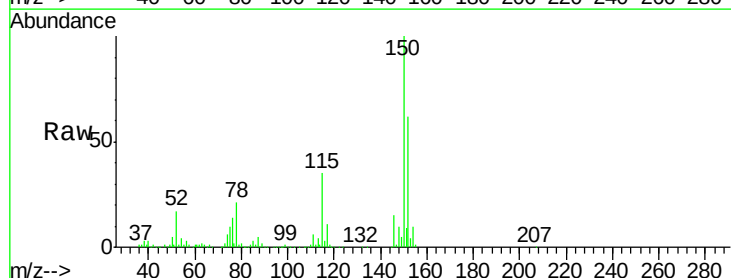
Tgt Ion:152 Resp: 460585

Ion Ratio Lower Upper

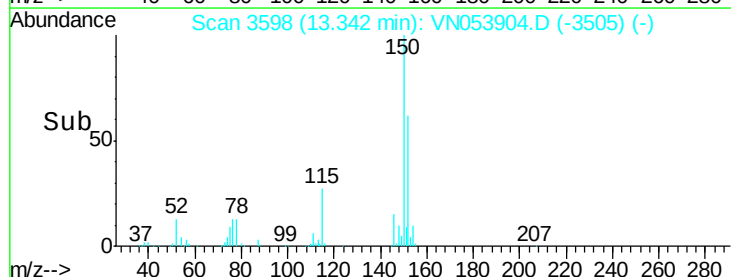
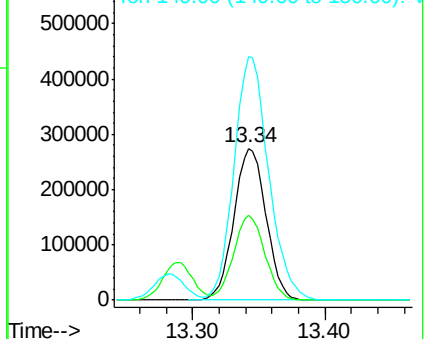
152 100

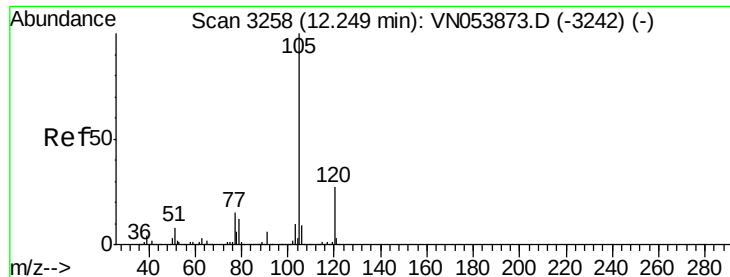
115 54.6 27.2 81.6

150 173.3 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: 52.040 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053904.D

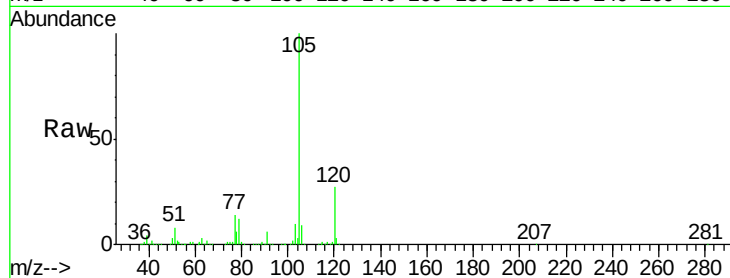
Acq: 22 Feb 2019 9:39

Tot Ion: 105 Resp: 1688565

Ion Ratio Lower Upper

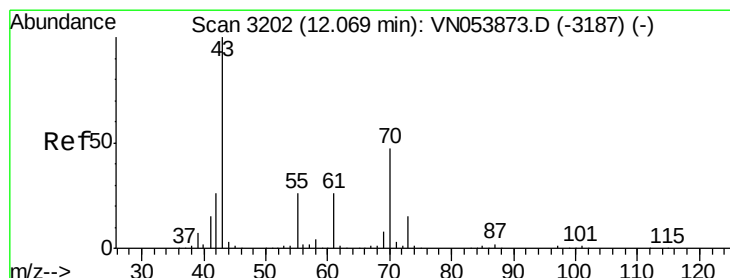
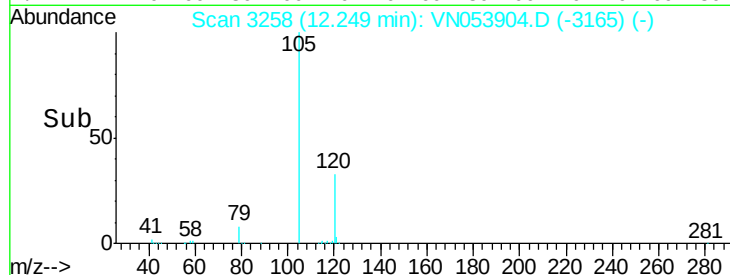
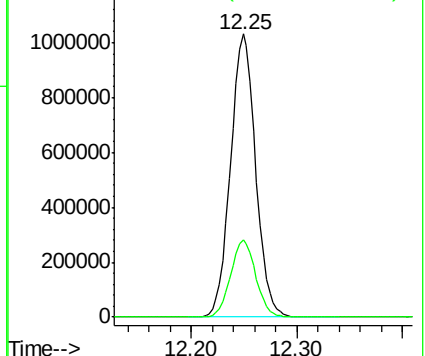
105 100

120 27.3 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.710 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN053904.D

Acq: 22 Feb 2019 9:39

Tgt Ion: 43 Resp: 392758

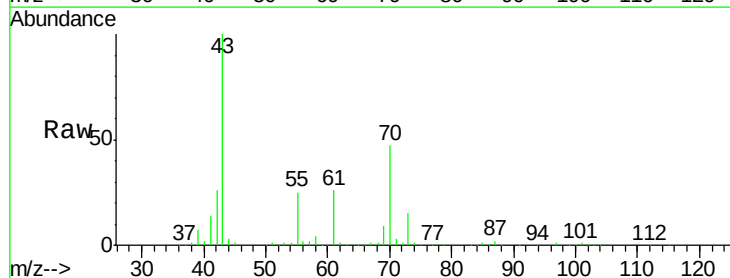
Ion Ratio Lower Upper

43 100

70 46.7 37.4 56.2

55 26.5 21.4 32.0

61 26.5 20.9 31.3

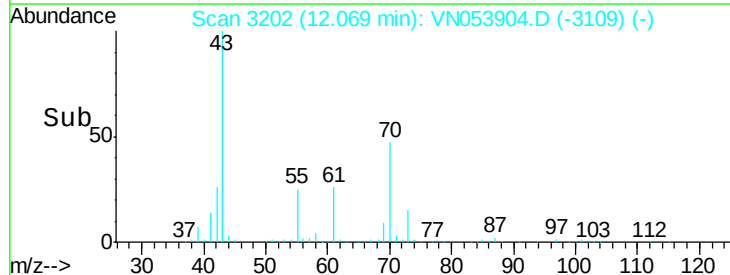
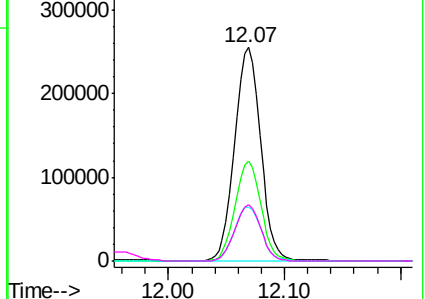


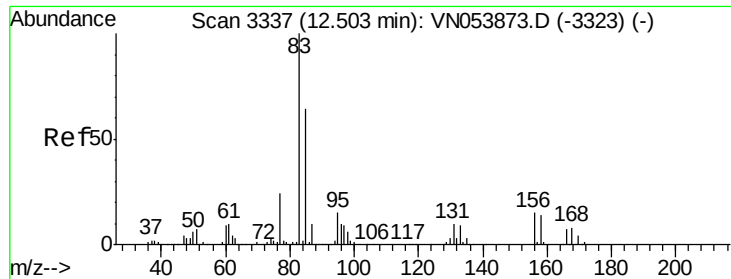
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 50.293 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN053904.D

Acq: 22 Feb 2019 9:39

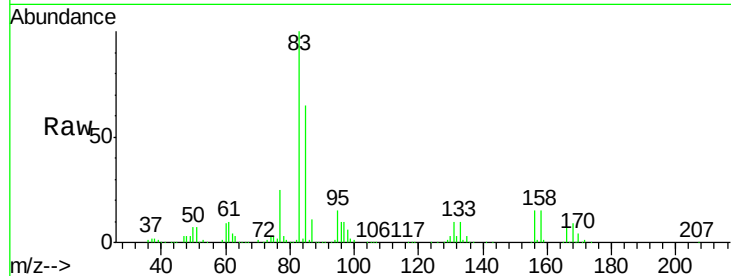
Tot Ion: 83 Resp: 385816

Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.3	16.1
85	65.5	31.9	95.9

83 100

131 10.8 5.3 16.1

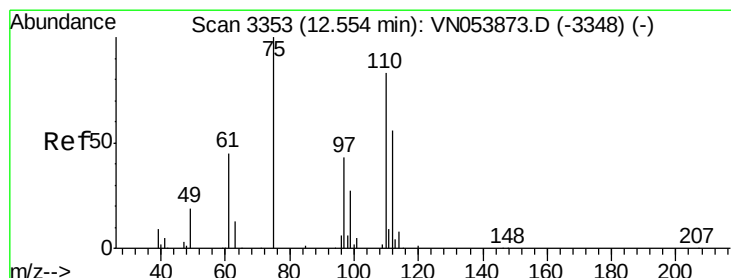
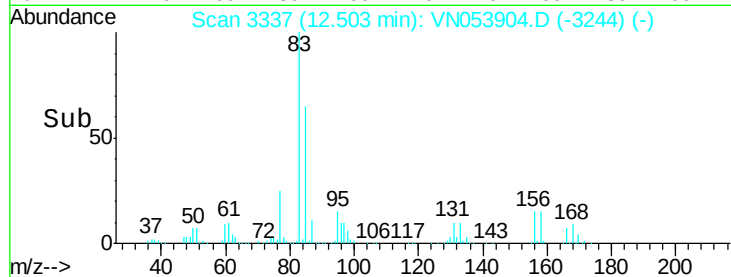
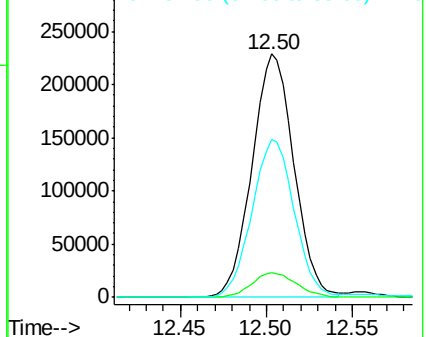
85 65.5 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN053904.D (-3244) (-)

Ion 130.80 (130.50 to 131.50): VN053904.D (-3244) (-)

Ion 84.90 (84.60 to 85.60): VN053904.D (-3244) (-)



#76

1,2,3-Trichloropropane

Concen: 45.691 ug/l m

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN053904.D

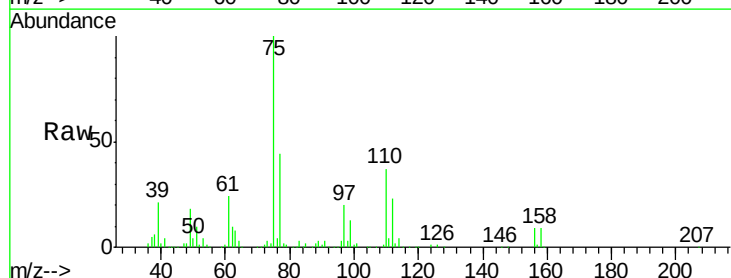
Acq: 22 Feb 2019 9:39

Tgt Ion: 75 Resp: 308939

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

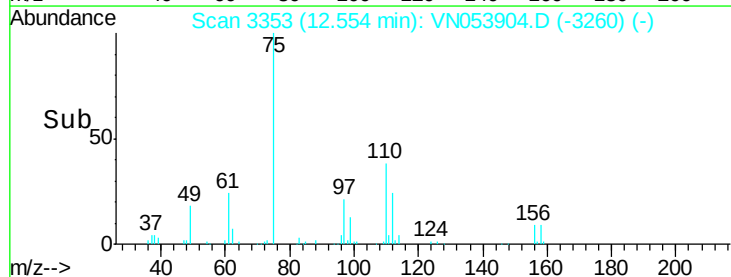
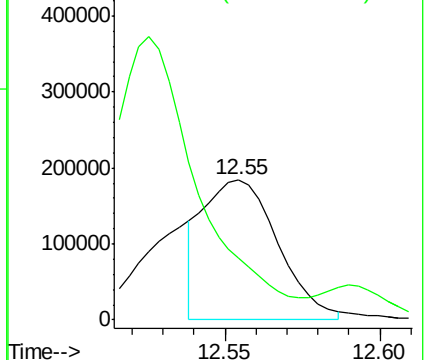
75 100

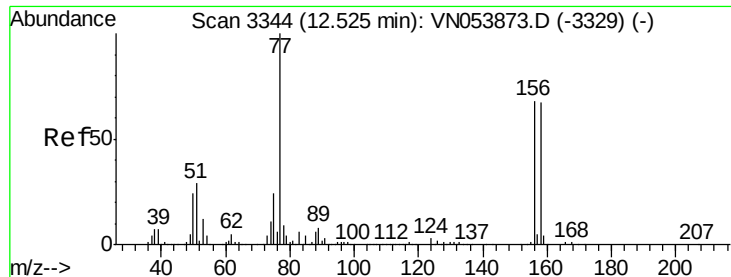
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN053904.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN053904.D (-3260) (-)





#77

Bromobenzene

Concen: 51.064 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN053904.D

Acq: 22 Feb 2019 9:39

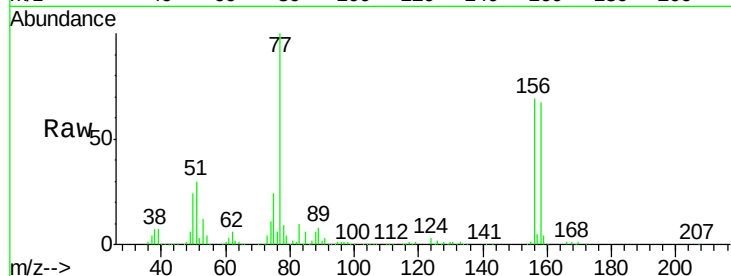
Tot Ion:156 Resp: 444473

Ion Ratio Lower Upper

156 100

77 167.6 84.0 252.2

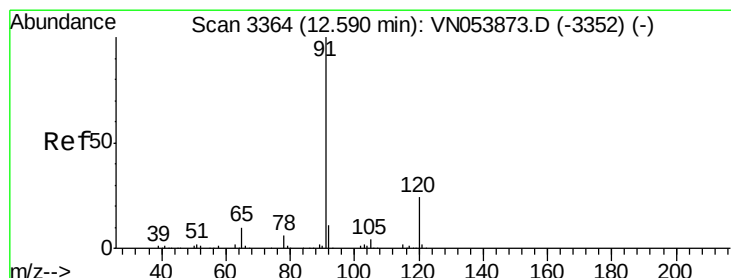
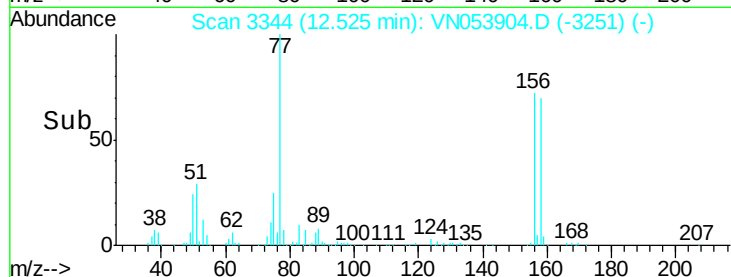
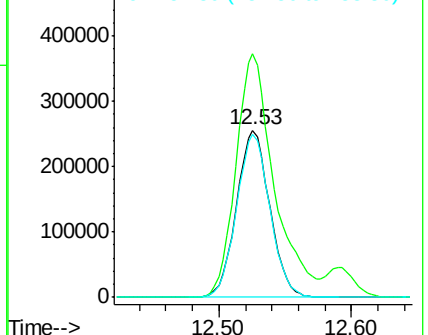
158 97.9 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.280 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN053904.D

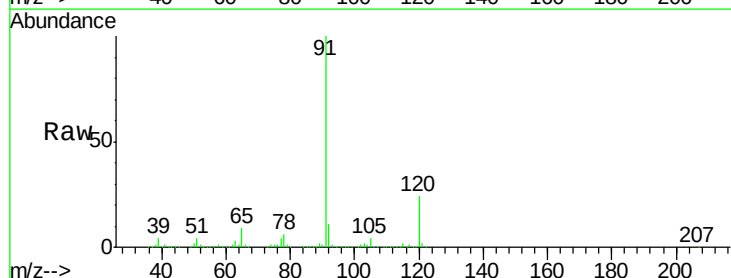
Acq: 22 Feb 2019 9:39

Tgt Ion: 91 Resp: 1969539

Ion Ratio Lower Upper

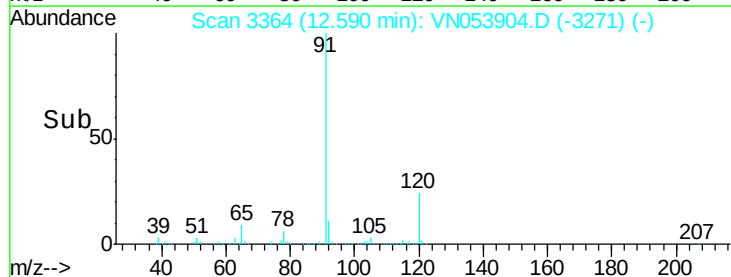
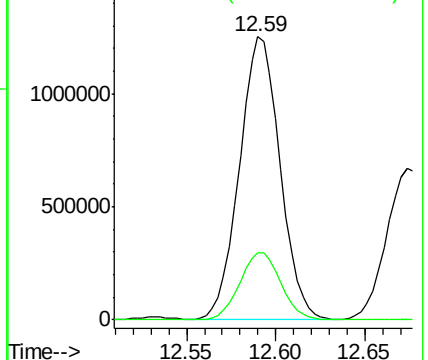
91 100

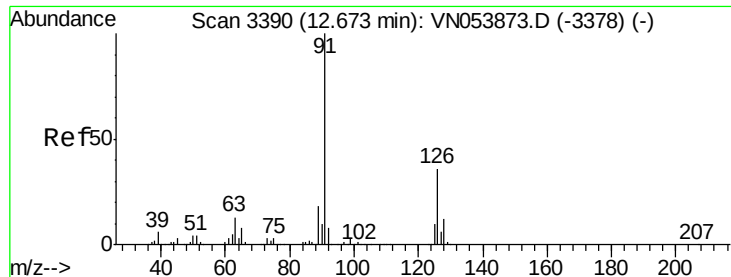
120 24.1 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.511 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN053904.D

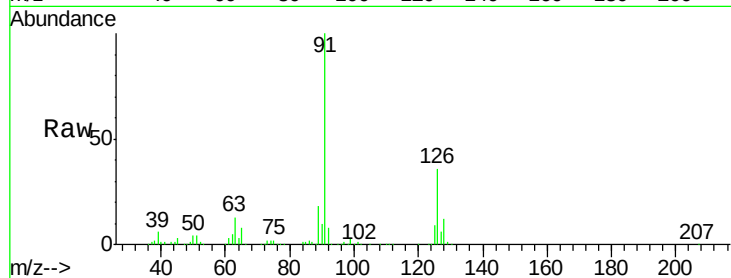
Acq: 22 Feb 2019 9:39

Tot Ion: 91 Resp: 1148833

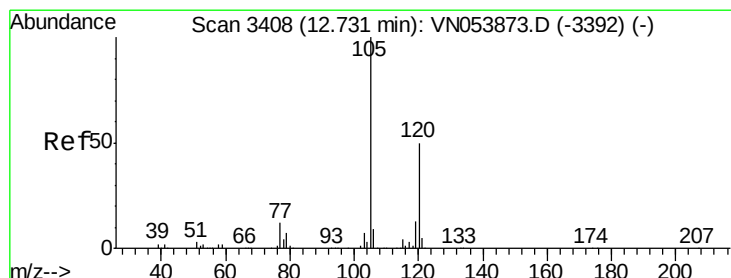
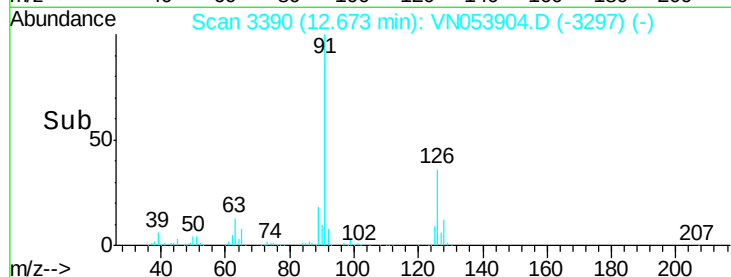
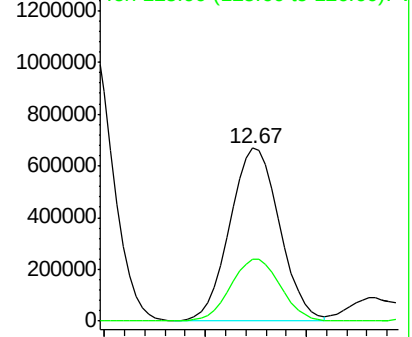
Ion Ratio Lower Upper

91 100

126 36.3 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VN053873.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 54.013 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN053904.D

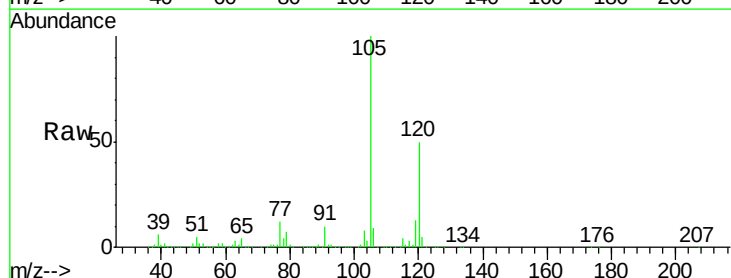
Acq: 22 Feb 2019 9:39

Tgt Ion:105 Resp: 1454760

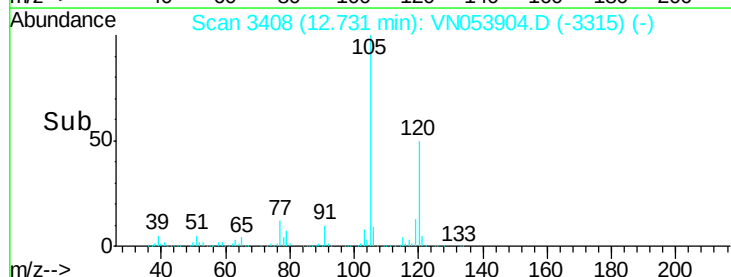
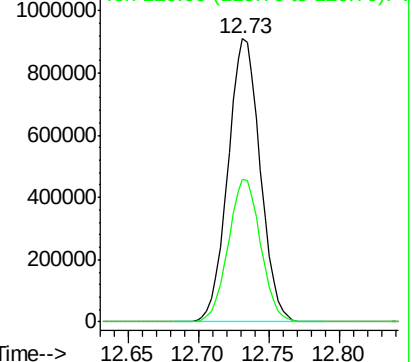
Ion Ratio Lower Upper

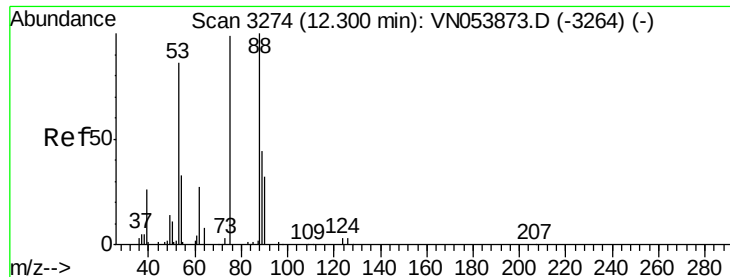
105 100

120 50.7 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): VN053873.D (-3392) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 53.133 ug/l

RT: 12.30 min Scan# 3274

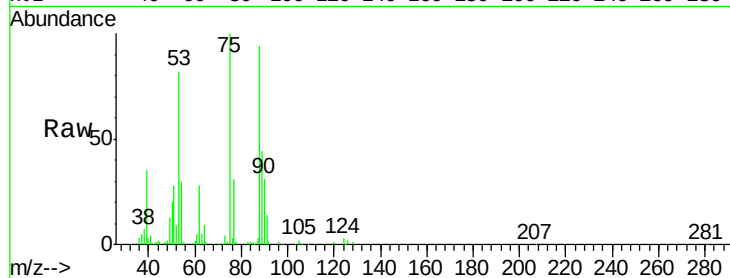
Delta R.T. 0.00 min

Lab File: VN053904.D

Acq: 22 Feb 2019 9:39

Tot Ion: 75 Resp: 108823

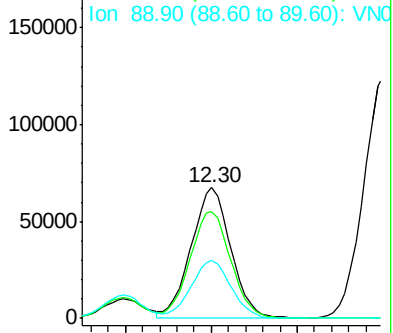
Ion	Ratio	Lower	Upper
75	100		
53	84.3	68.6	102.8
89	44.7	35.3	52.9



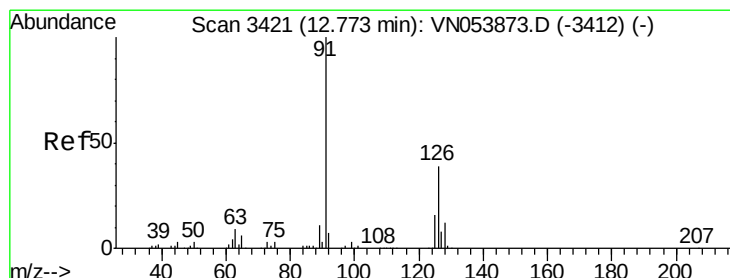
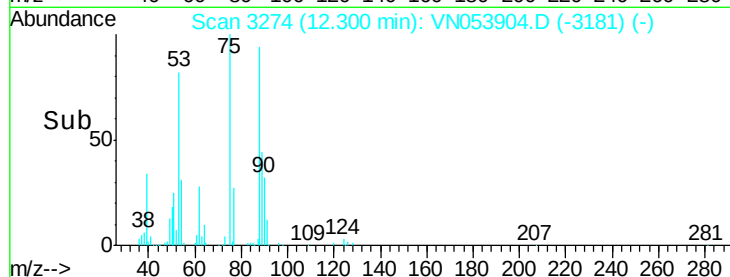
Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



Time-->



#82

4-Chlorotoluene

Concen: 53.239 ug/l

RT: 12.77 min Scan# 3421

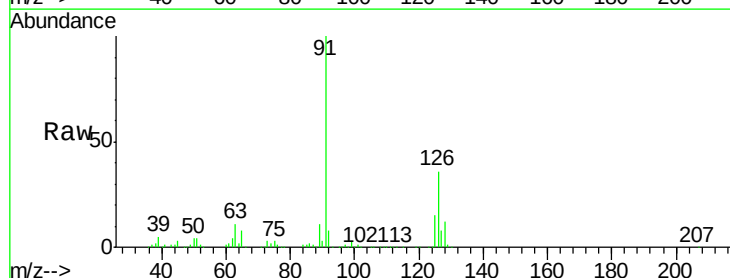
Delta R.T. 0.00 min

Lab File: VN053904.D

Acq: 22 Feb 2019 9:39

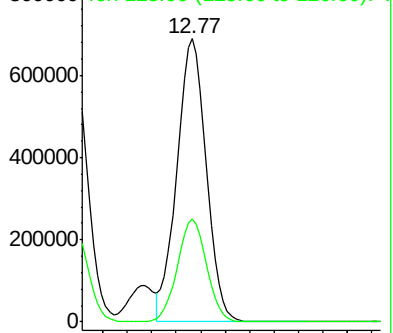
Tgt Ion: 91 Resp: 1160411

Ion	Ratio	Lower	Upper
91	100		
126	36.1	18.0	54.0

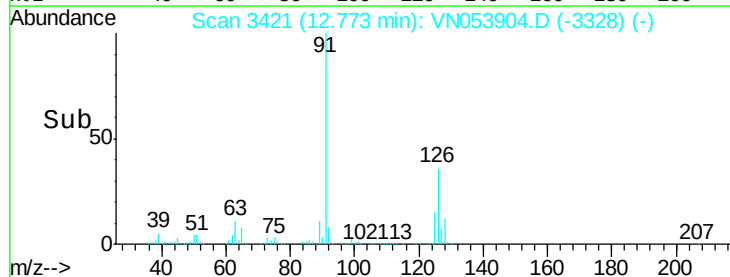


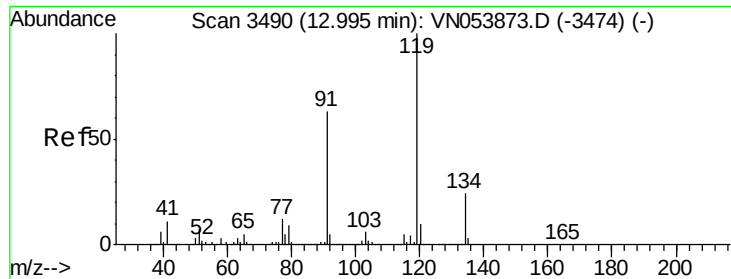
Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V



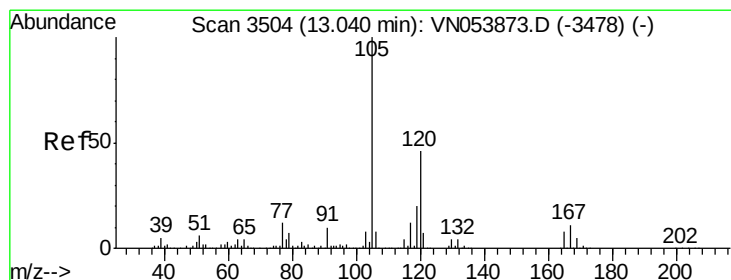
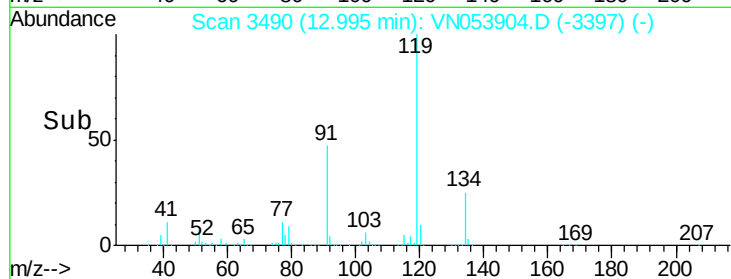
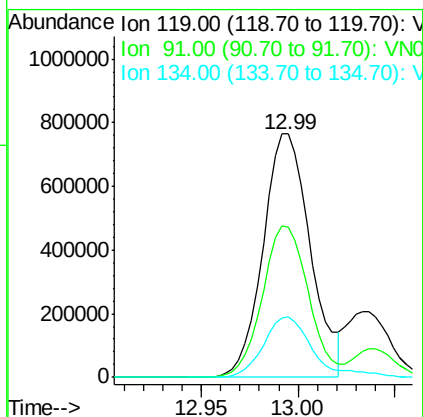
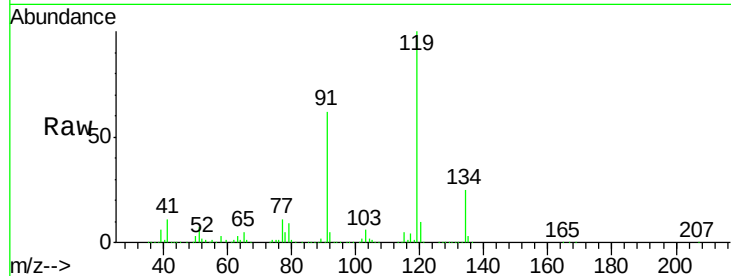
Time-->





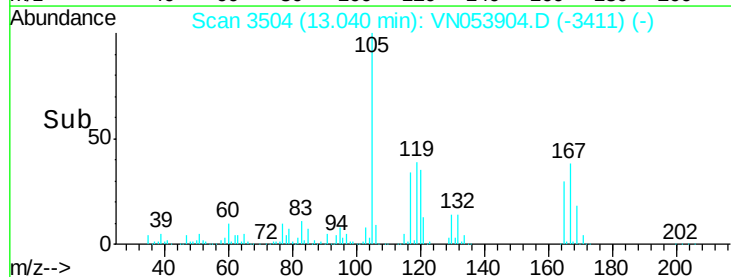
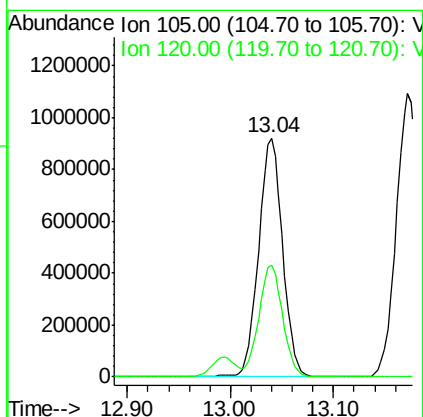
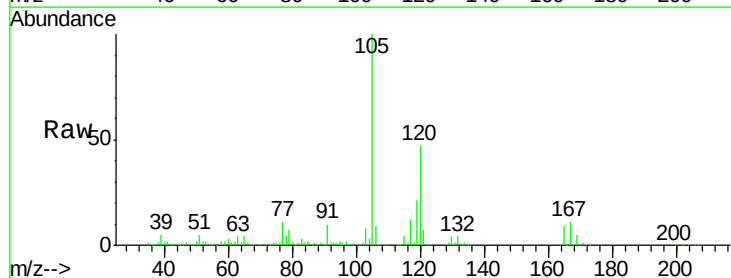
#83
 tert-Butylbenzene
 Concen: 53.743 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN053904.D
 Acq: 22 Feb 2019 9:39

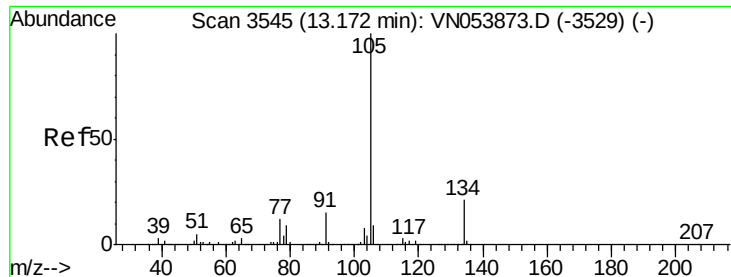
Tot Ion:119 Resp: 1299735
 Ion Ratio Lower Upper
 119 100
 91 60.2 30.6 91.8
 134 25.9 13.0 39.0



#84
 1,2,4-Trimethylbenzene
 Concen: 54.645 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053904.D
 Acq: 22 Feb 2019 9:39

Tgt Ion:105 Resp: 1476133
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.2 69.5





#85

sec-Butylbenzene

Concen: 52.749 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN053904.D

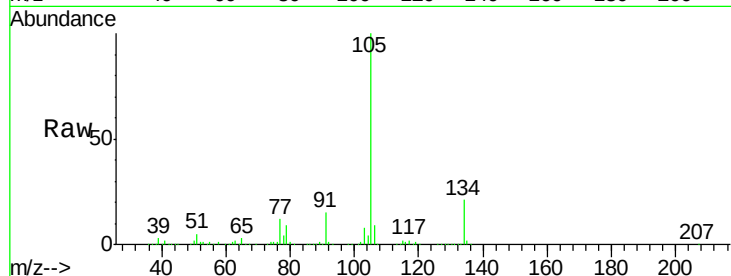
Acq: 22 Feb 2019 9:39

Tot Ion:105 Resp: 1717639

Ion Ratio Lower Upper

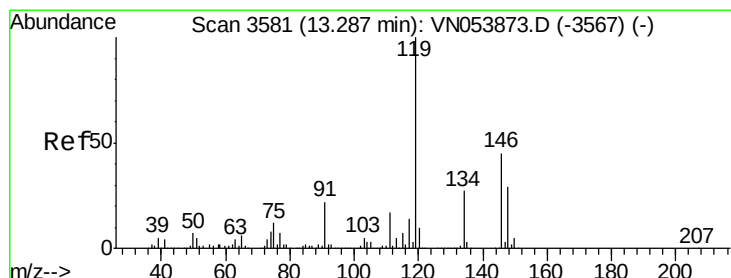
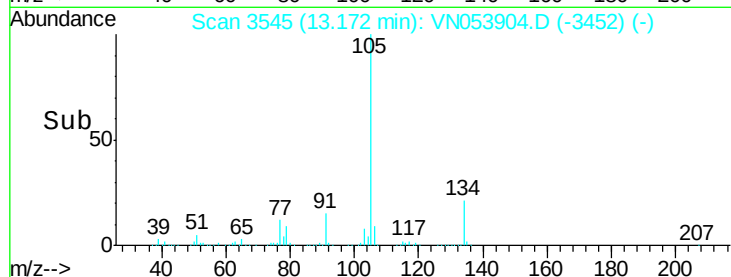
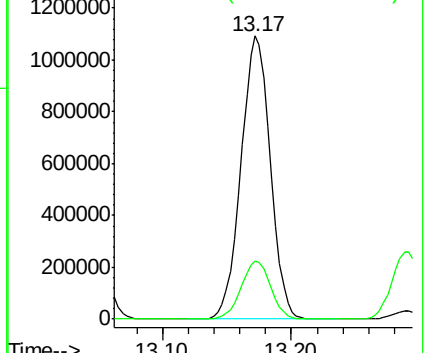
105 100

134 20.7 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.738 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN053904.D

Acq: 22 Feb 2019 9:39

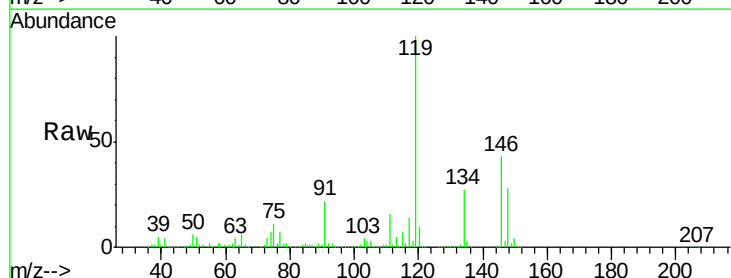
Tgt Ion:119 Resp: 1490409

Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.4

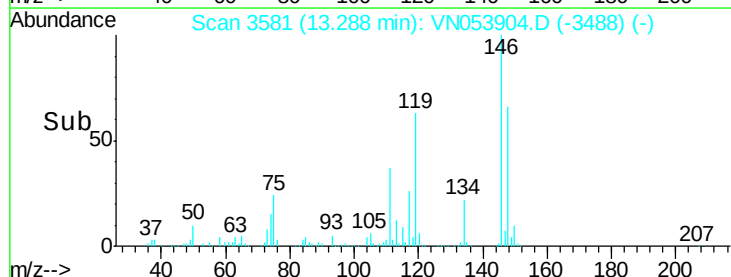
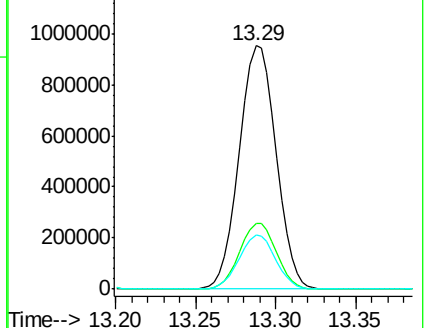
91 21.9 10.9 32.6

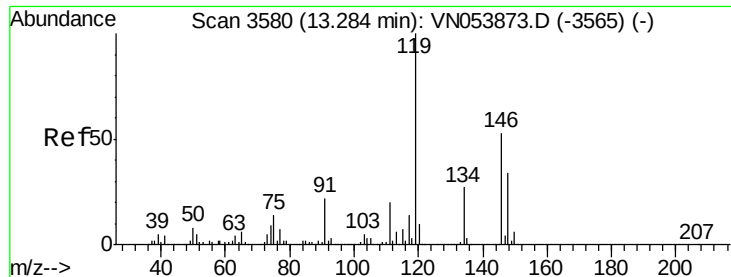


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 50.255 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN053904.D

Acq: 22 Feb 2019 9:39

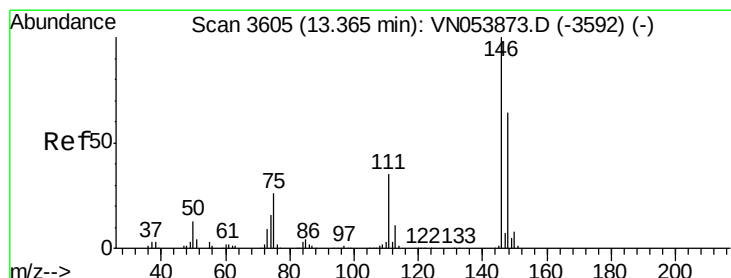
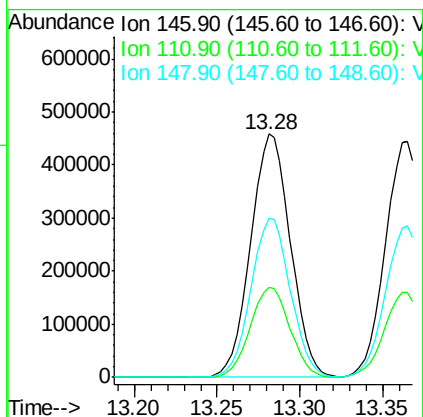
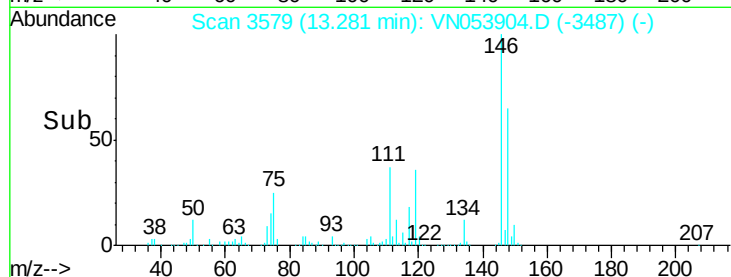
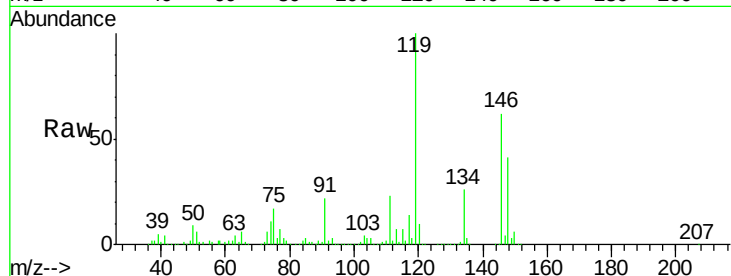
Tot Ion:146 Resp: 763331

Ion Ratio Lower Upper

146 100

111 37.0 18.7 56.1

148 64.9 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 47.741 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN053904.D

Acq: 22 Feb 2019 9:39

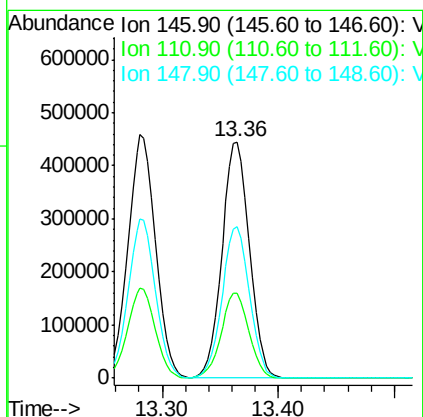
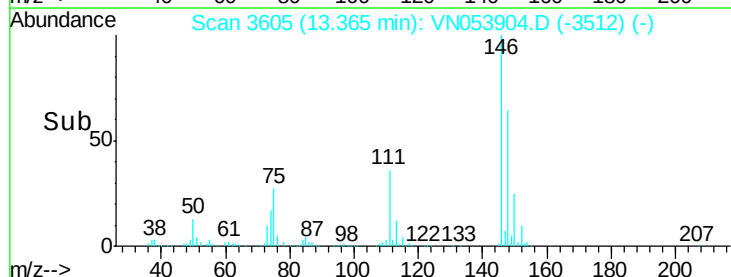
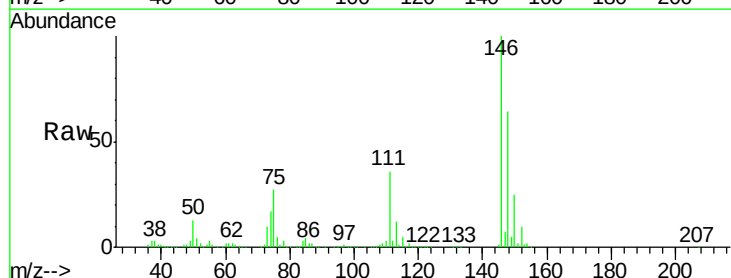
Tgt Ion:146 Resp: 729619

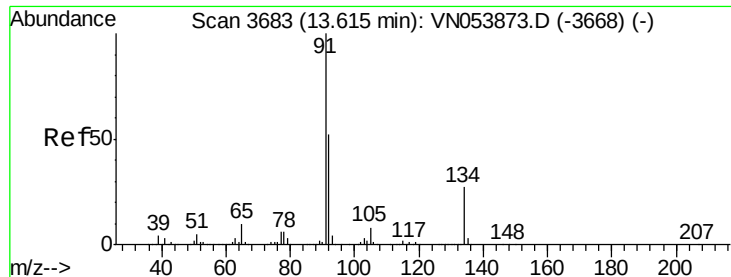
Ion Ratio Lower Upper

146 100

111 36.1 18.0 54.0

148 64.2 32.1 96.5





#89

n-Butylbenzene

Concen: 52.046 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN053904.D

Acq: 22 Feb 2019 9:39

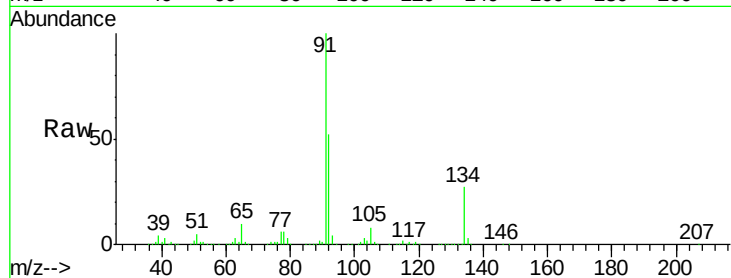
Tot Ion: 91 Resp: 1209519

Ion Ratio Lower Upper

91 100

92 52.1 26.1 78.2

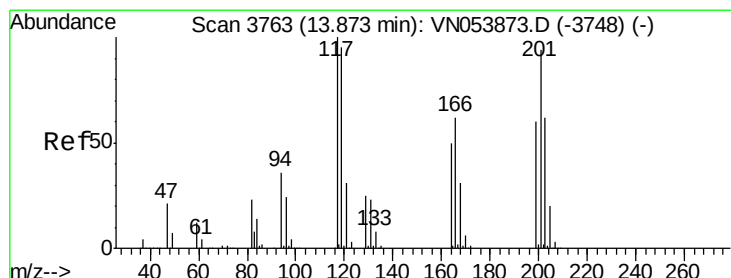
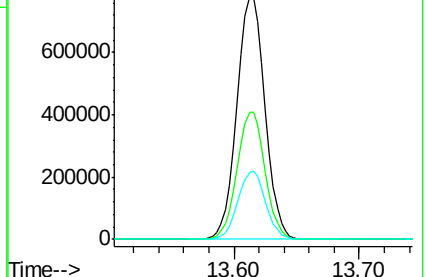
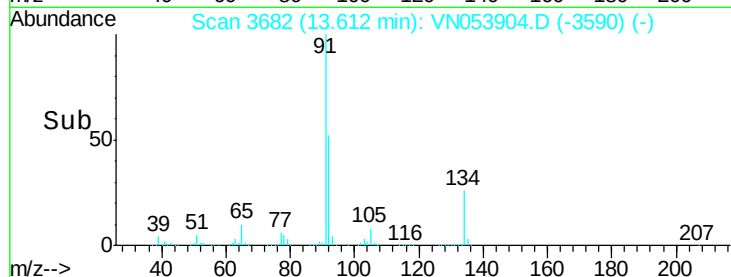
134 27.8 13.6 40.8



Abundance Ion 91.00 (90.70 to 91.70): VN053873.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN053873.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN053873.D (-3668) (-)



#90

Hexachloroethane

Concen: 46.317 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN053904.D

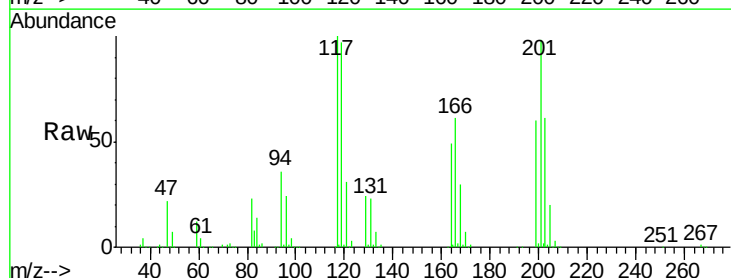
Acq: 22 Feb 2019 9:39

Tgt Ion: 117 Resp: 250057

Ion Ratio Lower Upper

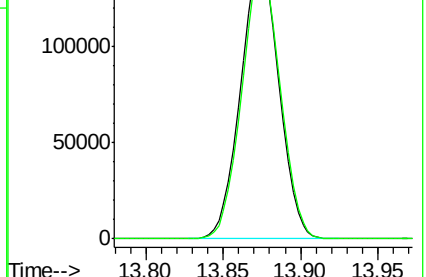
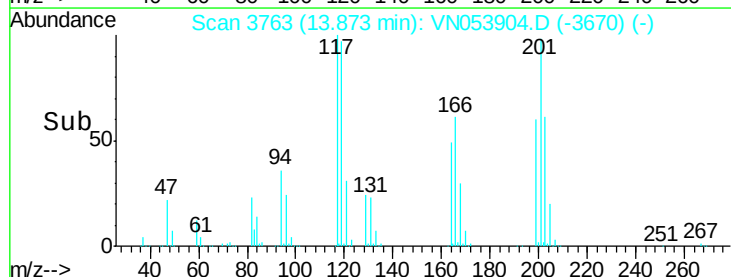
117 100

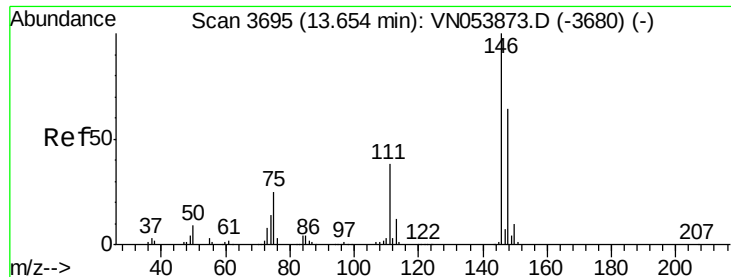
201 97.8 48.0 144.2



Abundance Ion 116.80 (116.50 to 117.50): VN053873.D (-3748) (-)

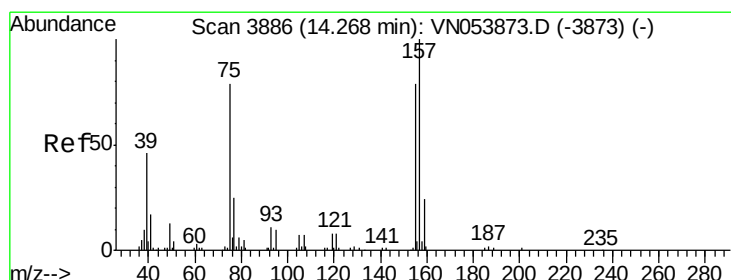
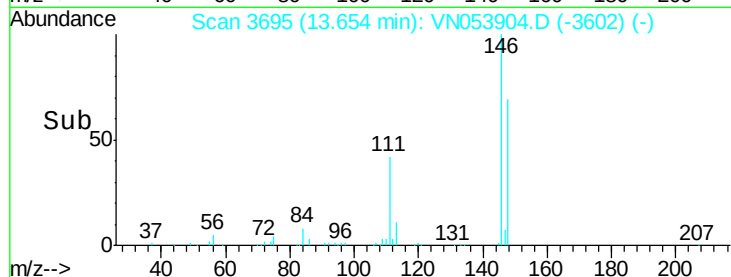
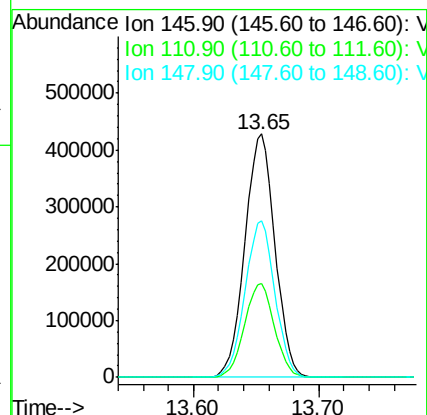
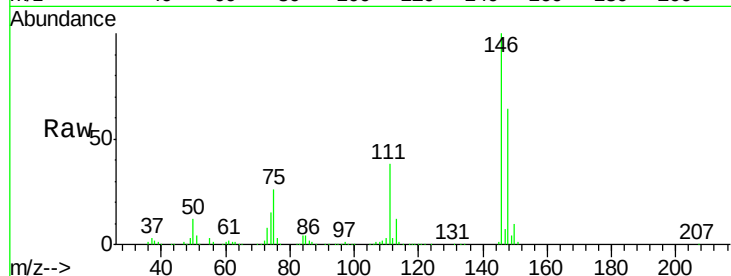
Ion 200.70 (200.40 to 201.40): VN053873.D (-3748) (-)





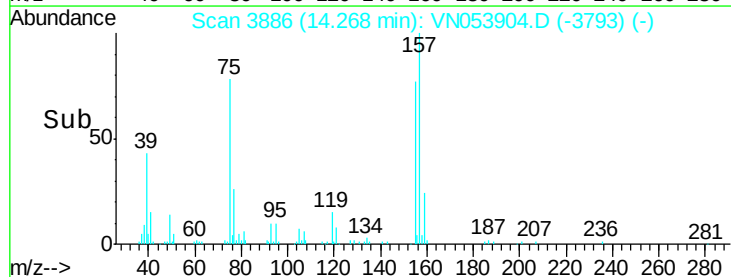
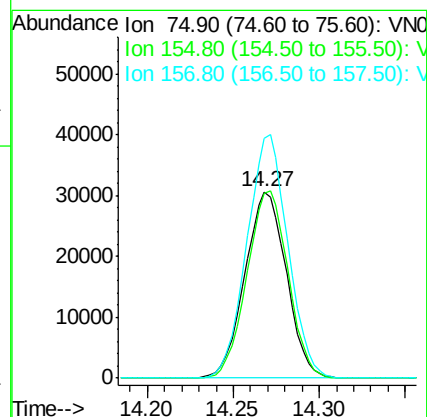
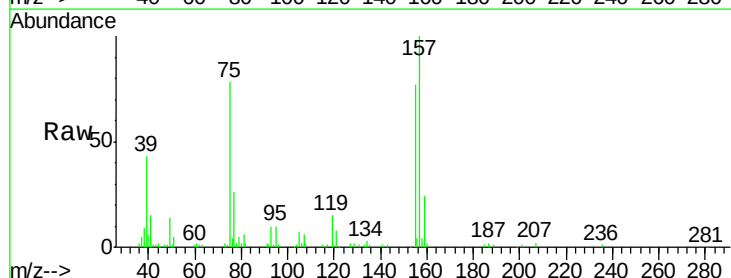
#91
 1,2-Dichlorobenzene
 Concen: 47.830 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN053904.D
 Acq: 22 Feb 2019 9:39

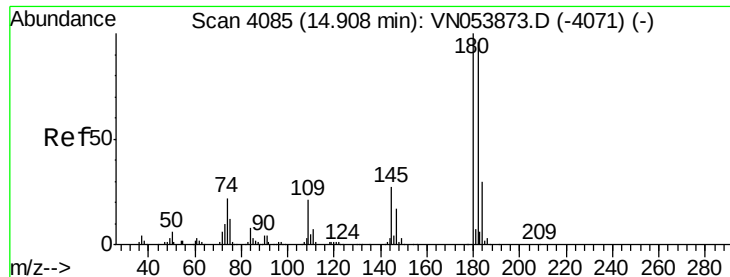
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.1	57.5
148	63.9	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.779 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN053904.D
 Acq: 22 Feb 2019 9:39

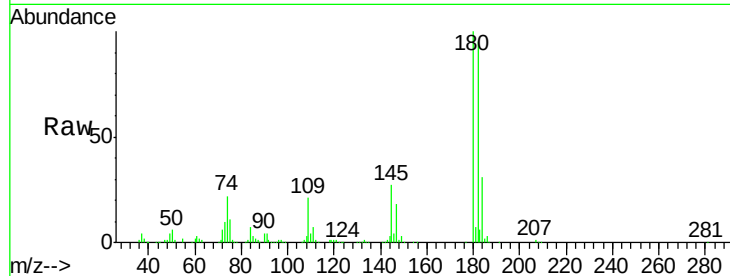
Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.4	49.5	148.5
157	129.1	64.8	194.6



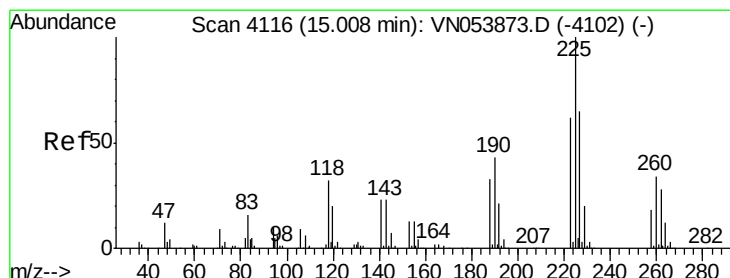
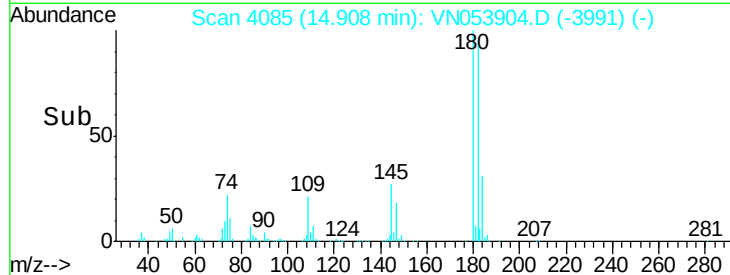
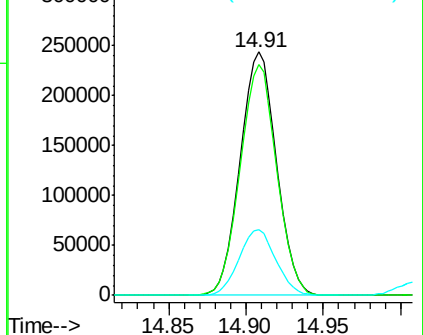


#93
 1,2,4-Trichlorobenzene
 Concen: 44.454 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN053904.D
 Acq: 22 Feb 2019 9:39

Tot Ion:180 Resp: 398194
 Ion Ratio Lower Upper
 180 100
 182 95.4 48.6 145.9
 145 27.5 13.8 41.3

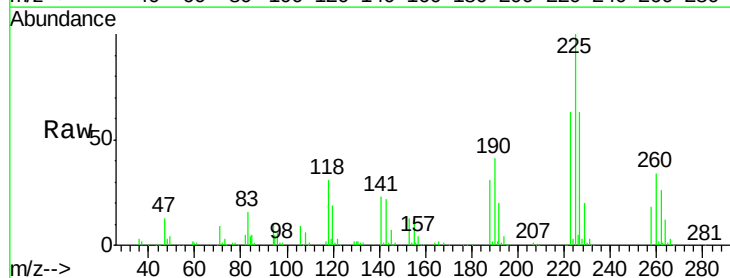


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

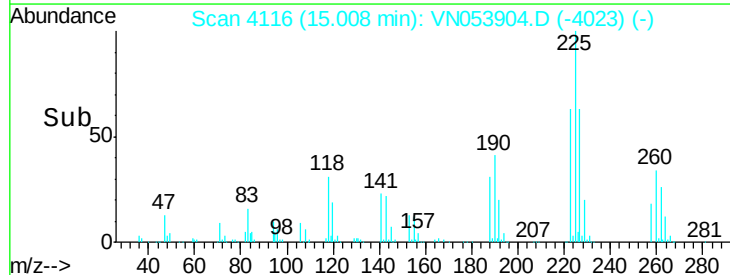
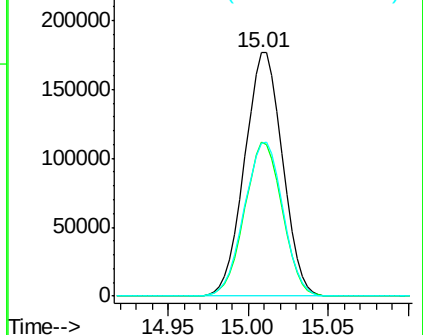


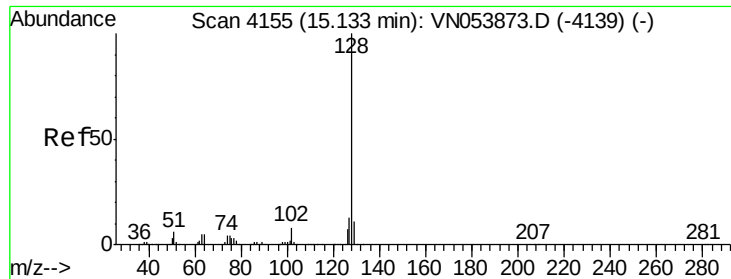
#94
 Hexachlorobutadiene
 Concen: 46.241 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN053904.D
 Acq: 22 Feb 2019 9:39

Tgt Ion:225 Resp: 287369
 Ion Ratio Lower Upper
 225 100
 223 62.6 30.9 92.5
 227 64.3 32.5 97.4



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





#95

Naphthalene

Concen: 41.017 ug/l

RT: 15.13 min Scan# 4155

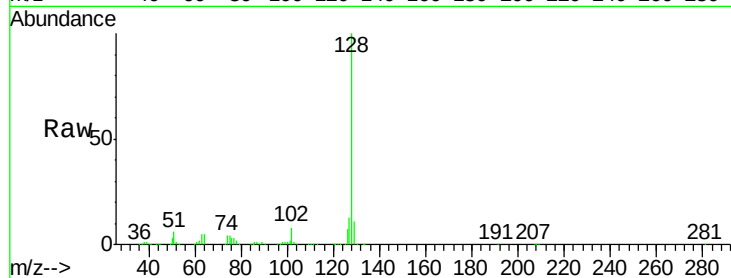
Delta R.T. 0.00 min

Lab File: VN053904.D

Acq: 22 Feb 2019 9:39

Tot Ion:128 Resp: 732907

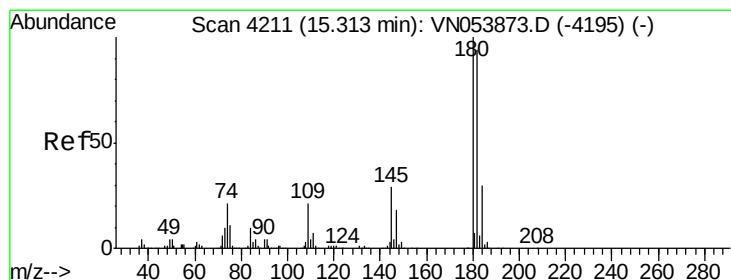
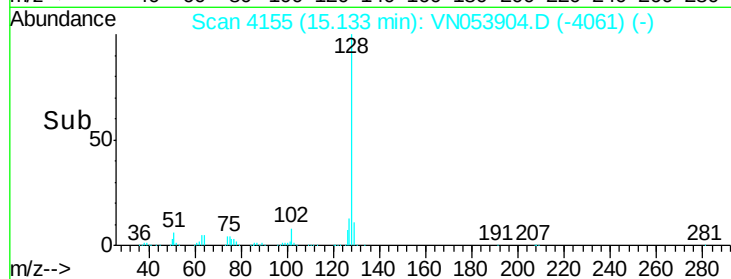
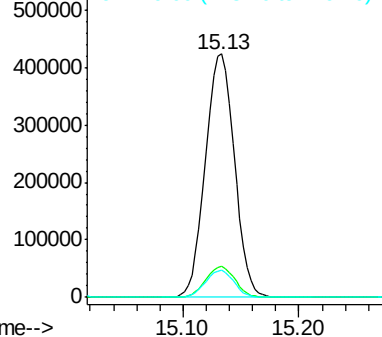
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.9	8.6	12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 43.737 ug/l

RT: 15.31 min Scan# 4211

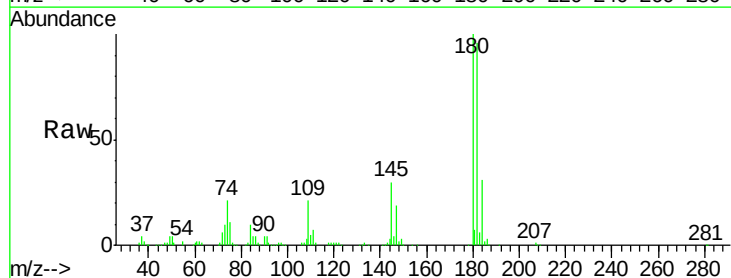
Delta R.T. 0.00 min

Lab File: VN053904.D

Acq: 22 Feb 2019 9:39

Tgt Ion:180 Resp: 371707

Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.3	141.8
145	29.3	14.4	43.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

