

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020719\
 Data File : VN053663.D
 Acq On : 7 Feb 2019 18:33
 Operator : JC/SP
 Sample : VN0207WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 28

Quant Time: Feb 09 00:31:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	624246	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1008961	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	870365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	411525	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	326033	52.06	ug/l	0.00
Spiked Amount			Recovery	=	104.12%	
35) Dibromofluoromethane	7.59	113	309513	48.55	ug/l	0.00
Spiked Amount			Recovery	=	97.10%	
50) Toluene-d8	10.09	98	1128250	47.13	ug/l	0.00
Spiked Amount			Recovery	=	94.26%	
62) 4-Bromofluorobenzene	12.40	95	371639	46.55	ug/l	0.00
Spiked Amount			Recovery	=	93.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	135399	19.447	ug/l	100
3) Chloromethane	2.06	50	150428	20.298	ug/l	99
4) Vinyl Chloride	2.19	62	147680	20.528	ug/l	98
5) Bromomethane	2.57	94	97135	20.650	ug/l	99
6) Chloroethane	2.71	64	86522	21.046	ug/l	98
7) Trichlorofluoromethane	3.02	101	201513	20.656	ug/l	100
8) Diethyl Ether	3.41	74	72980	20.483	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.77	101	118987	19.721	ug/l	97
10) Methyl Iodide	3.96	142	191569	20.229	ug/l	99
11) Tert butyl alcohol	4.77	59	41637	112.343	ug/l	98
12) 1,1-Dichloroethene	3.74	96	119523	20.676	ug/l	99
13) Acrolein	3.61	56	25057	124.174	ug/l	99
14) Allyl chloride	4.33	41	171729	18.658	ug/l	92
15) Acrylonitrile	4.99	53	219924	109.917	ug/l	99
16) Acetone	3.82	43	145829	90.785	ug/l	98
17) Carbon Disulfide	4.06	76	330623	18.368	ug/l	99
18) Methyl Acetate	4.33	43	109260	22.968	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	321307	21.926	ug/l	99
20) Methylene Chloride	4.56	84	137433	20.393	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	125231	20.080	ug/l	98
22) Diisopropyl ether	5.96	45	362329	21.245	ug/l	96
23) Vinyl Acetate	5.90	43	1258223	106.647	ug/l	99
24) 1,1-Dichloroethane	5.85	63	240384	21.132	ug/l	99
25) 2-Butanone	6.84	43	231847	101.201	ug/l	99
26) 2,2-Dichloropropane	6.82	77	154476	17.790	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	146474	21.122	ug/l	96
28) Bromochloromethane	7.20	49	101109	20.483	ug/l	95
29) Tetrahydrofuran	7.21	42	161197	109.576	ug/l	98
30) Chloroform	7.37	83	238757	21.174	ug/l	98
31) Cyclohexane	7.66	56	201691	18.939	ug/l	93
32) 1,1,1-Trichloroethane	7.57	97	198441	21.147	ug/l	98
36) 1,1-Dichloropropene	7.79	75	171787	18.888	ug/l	98
37) Ethyl Acetate	6.93	43	104965	20.664	ug/l	99
38) Carbon Tetrachloride	7.78	117	179712	19.614	ug/l	98

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 Response via : Initial Calibration

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

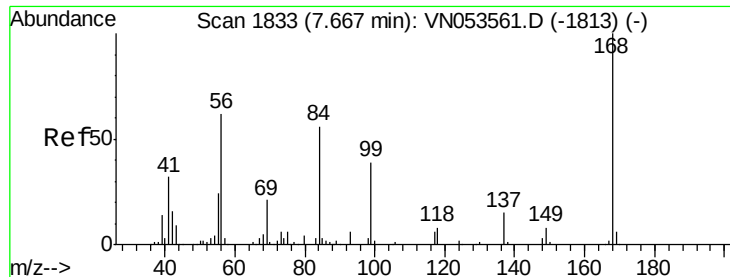
39) Methylcyclohexane	9.08	83	185605	17.201	ug/l	100
40) Benzene	8.04	78	545729	19.458	ug/l	99
41) Methacrylonitrile	7.17	41	48290	17.009	ug/l #	77
42) 1,2-Dichloroethane	8.13	62	161620	19.407	ug/l	98
43) Isopropyl Acetate	8.17	43	208527	21.257	ug/l	95
44) Trichloroethene	8.84	130	149502	18.723	ug/l	99
45) 1,2-Dichloropropane	9.12	63	142444	19.856	ug/l	97
46) Dibromomethane	9.21	93	84760	19.600	ug/l	97
47) Bromodichloromethane	9.40	83	179530	19.967	ug/l	99
48) Methyl methacrylate	9.20	41	96480	20.603	ug/l	98
49) 1,4-Dioxane	9.20	88	26930	420.471	ug/l #	94
51) 4-Methyl-2-Pentanone	9.99	43	489829	101.611	ug/l	99
52) Toluene	10.16	92	329038	19.767	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	169865	18.867	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	202011	18.934	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	124278	20.719	ug/l	98
56) Ethyl methacrylate	10.43	69	143552	20.230	ug/l	97
57) 1,3-Dichloropropane	10.71	76	203061	19.808	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	359384	87.058	ug/l	100
59) 2-Hexanone	10.75	43	308938	94.402	ug/l	99
60) Dibromochloromethane	10.90	129	136778	20.221	ug/l	100
61) 1,2-Dibromoethane	11.01	107	115223	19.408	ug/l	100
64) Tetrachloroethene	10.63	164	140719	18.861	ug/l	98
65) Chlorobenzene	11.44	112	361622	19.560	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	130843	20.265	ug/l	99
67) Ethyl Benzene	11.51	91	587832	19.356	ug/l	99
68) m/p-Xylenes	11.62	106	458970	39.598	ug/l	100
69) o-Xylene	11.95	106	224409	20.040	ug/l	99
70) Styrene	11.97	104	364768	20.098	ug/l	100
71) Bromoform	12.13	173	92873	20.981	ug/l #	97
73) Isopropylbenzene	12.25	105	583100	20.156	ug/l	100
74) N-amyl acetate	12.07	43	146545	21.066	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	140859	20.345	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	169717	32.108	ug/l #	100
77) Bromobenzene	12.53	156	158923	20.383	ug/l	96
78) n-propylbenzene	12.59	91	662811	19.819	ug/l	100
79) 2-Chlorotoluene	12.67	91	400510	20.186	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	495691	20.663	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	35055	18.648	ug/l	95
82) 4-Chlorotoluene	12.77	91	400983	19.695	ug/l	99
83) tert-Butylbenzene	12.99	119	444378	20.959	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	505183	20.669	ug/l	99
85) sec-Butylbenzene	13.17	105	597261	20.700	ug/l	100
86) p-Isopropyltoluene	13.29	119	514146	20.375	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	271298	19.356	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	266106	19.194	ug/l	99
89) n-Butylbenzene	13.62	91	416427	19.066	ug/l	100
90) Hexachloroethane	13.88	117	88132	21.174	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	271037	20.200	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	21560	21.850	ug/l	98

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	141394	18.373	ug/l	99
94) Hexachlorobutadiene	15.01	225	95180	19.860	ug/l	98
95) Naphthalene	15.13	128	294322	17.452	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	136339	19.094	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053663.D

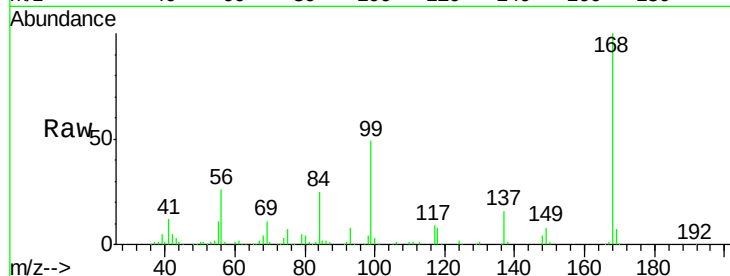
Acq: 7 Feb 2019 18:33

Tot Ion:168 Resp: 624246

Ion Ratio Lower Upper

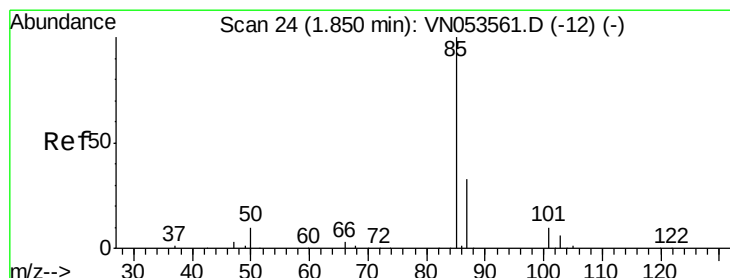
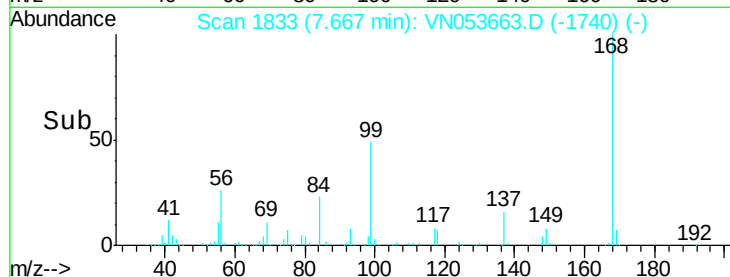
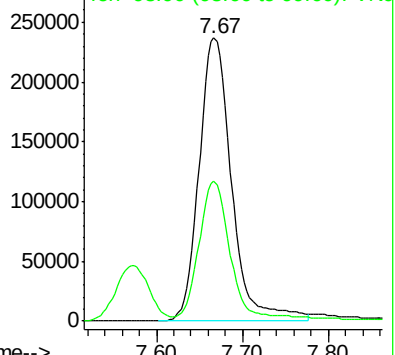
168 100

99 48.1 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 19.447 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN053663.D

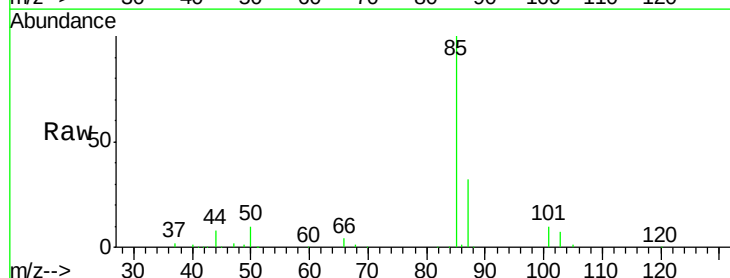
Acq: 7 Feb 2019 18:33

Tgt Ion: 85 Resp: 135399

Ion Ratio Lower Upper

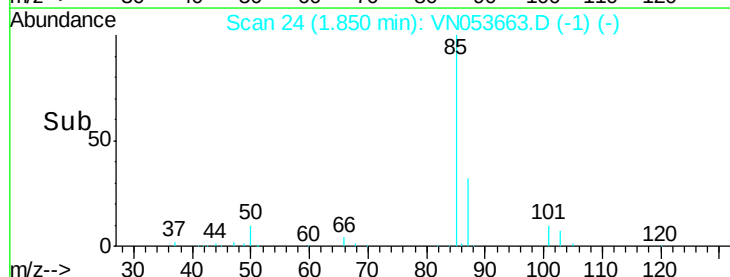
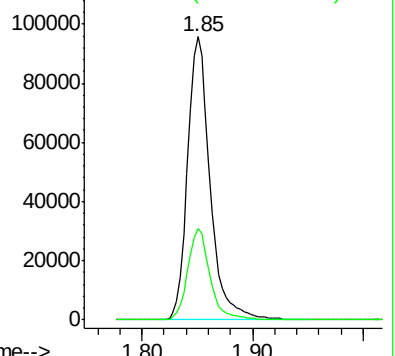
85 100

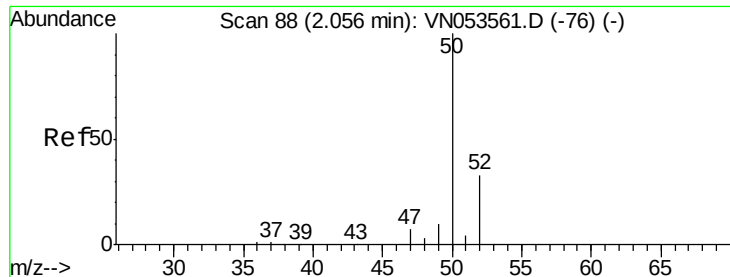
87 32.1 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 20.298 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.01 min

Lab File: VN053663.D

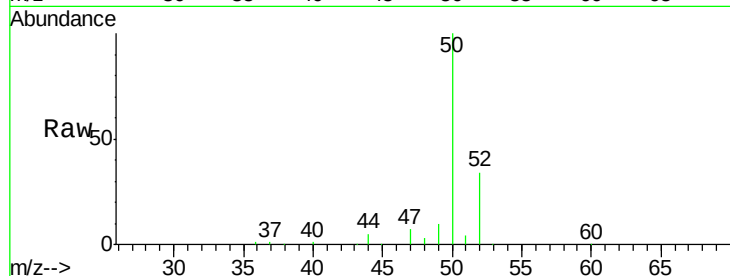
Acq: 7 Feb 2019 18:33

Tot Ion: 50 Resp: 150428

Ion Ratio Lower Upper

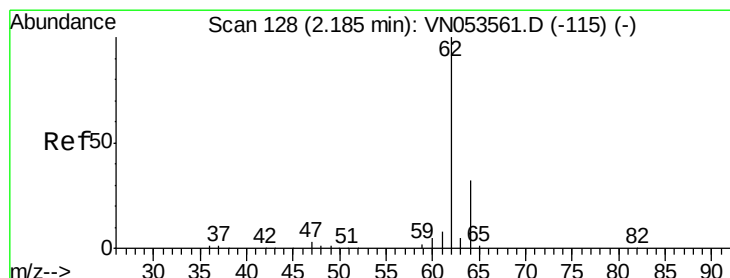
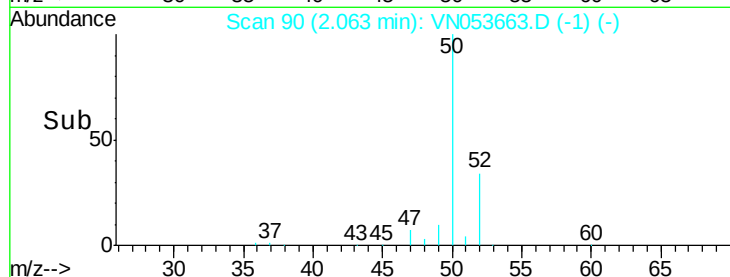
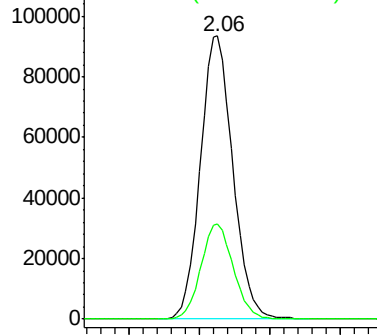
50 100

52 33.8 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 20.528 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN053663.D

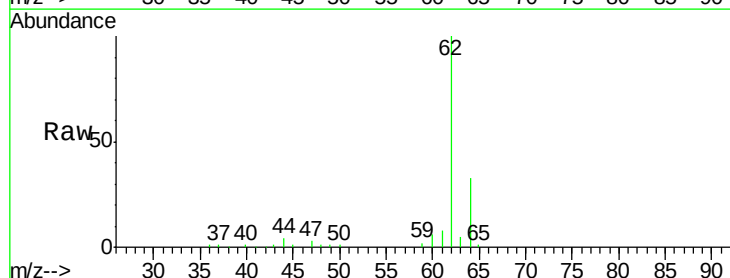
Acq: 7 Feb 2019 18:33

Tgt Ion: 62 Resp: 147680

Ion Ratio Lower Upper

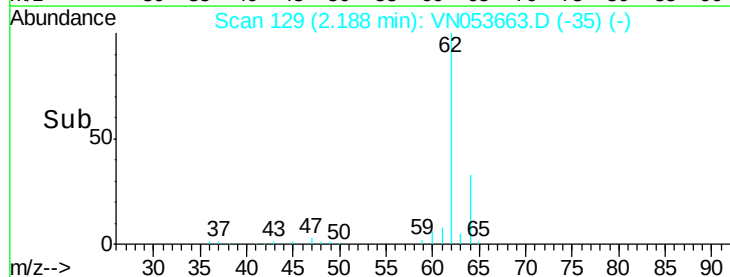
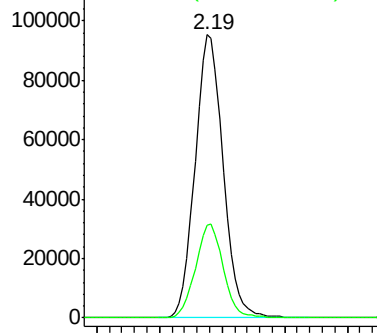
62 100

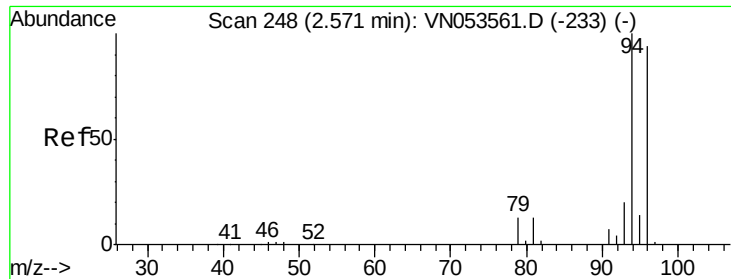
64 32.9 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

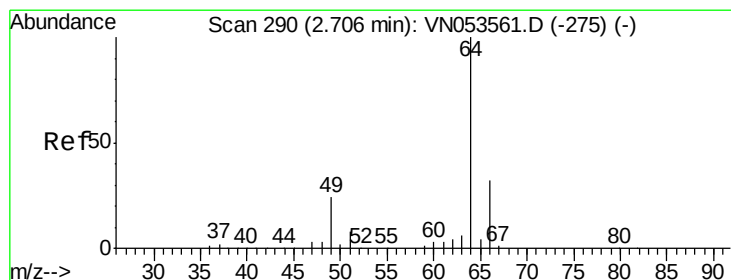
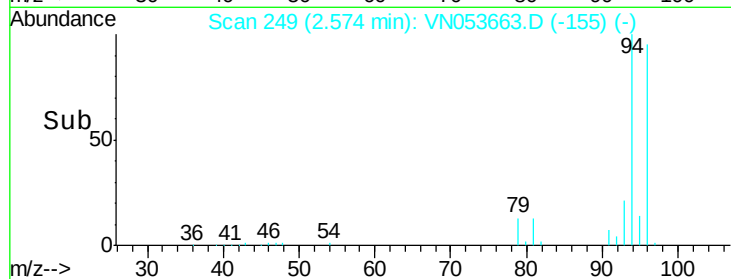
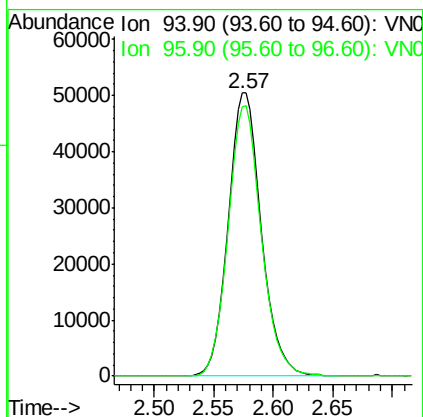
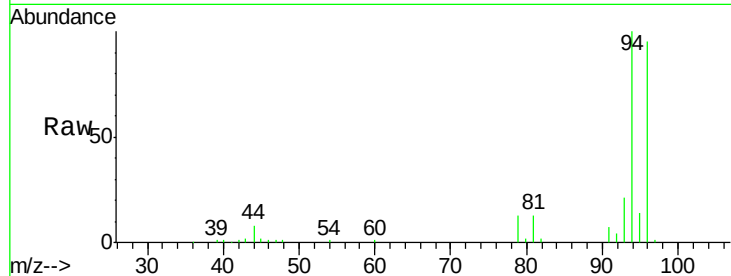
Ion 63.90 (63.60 to 64.60): VN0





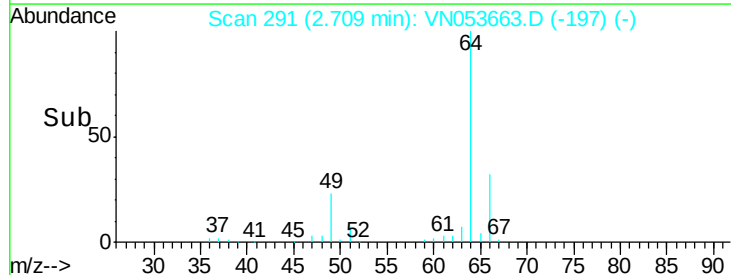
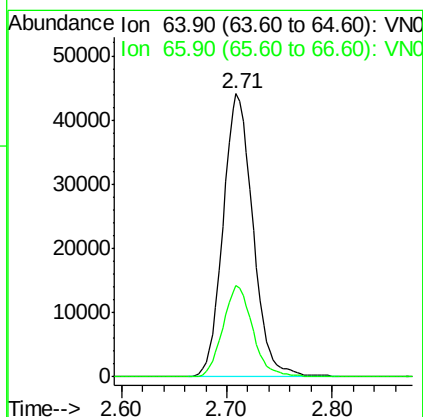
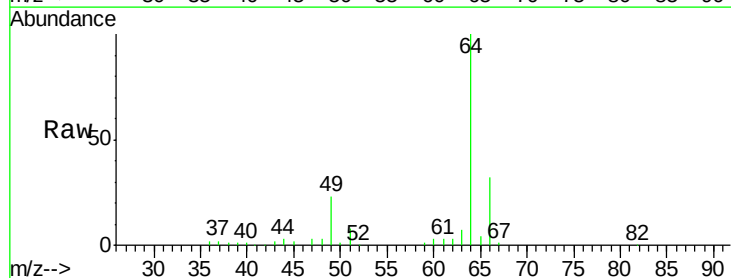
#5
Bromomethane
Concen: 20.650 ug/l
RT: 2.57 min Scan# 249
Delta R.T. 0.00 min
Lab File: VN053663.D
Acq: 7 Feb 2019 18:33

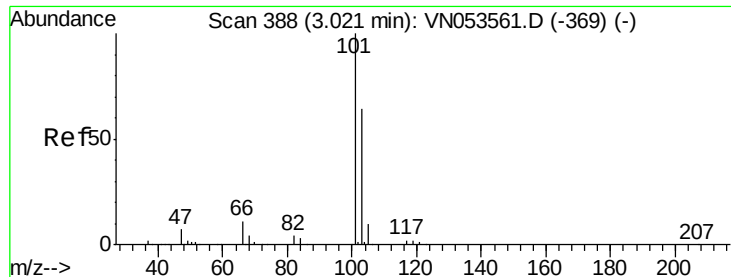
Tot Ion: 94 Resp: 97135
Ion Ratio Lower Upper
94 100
96 95.2 76.8 115.2



#6
Chloroethane
Concen: 21.046 ug/l
RT: 2.71 min Scan# 291
Delta R.T. 0.00 min
Lab File: VN053663.D
Acq: 7 Feb 2019 18:33

Tgt Ion: 64 Resp: 86522
Ion Ratio Lower Upper
64 100
66 32.2 25.1 37.7

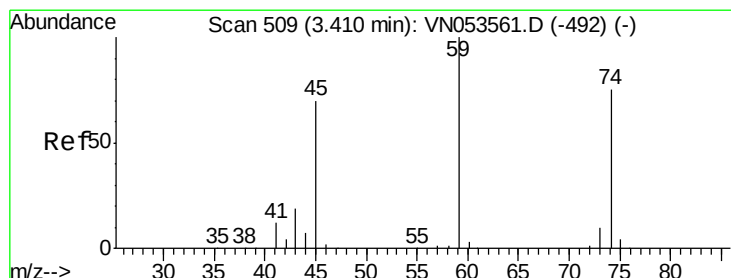
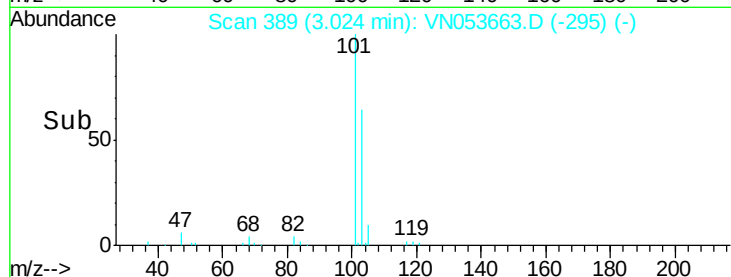
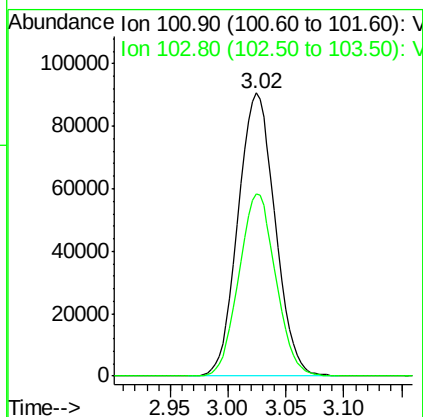
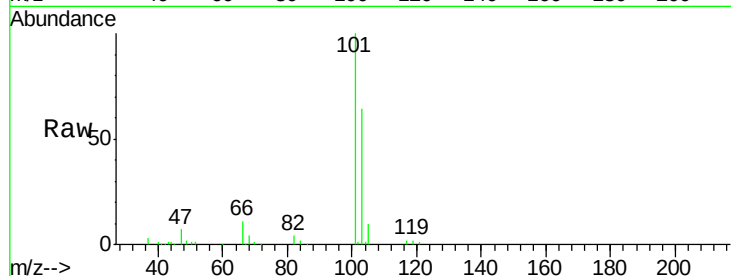




#7

Trichlorofluoromethane
Concen: 20.656 ug/l
RT: 3.02 min Scan# 389
Delta R.T. 0.00 min
Lab File: VN053663.D
Acq: 7 Feb 2019 18:33

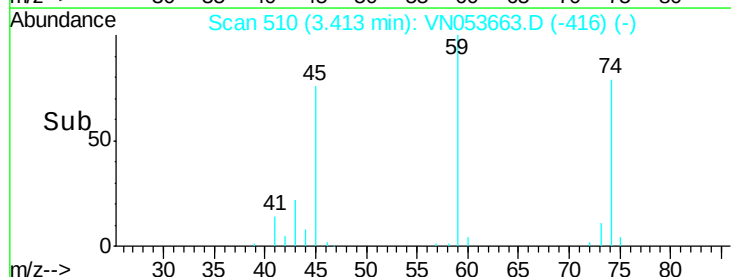
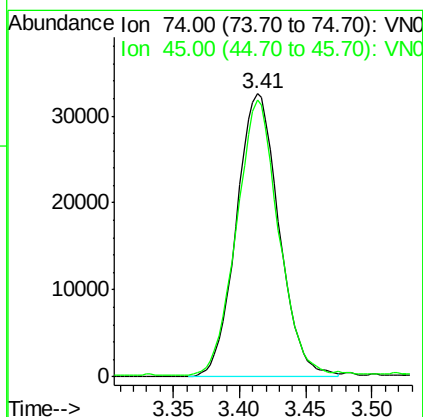
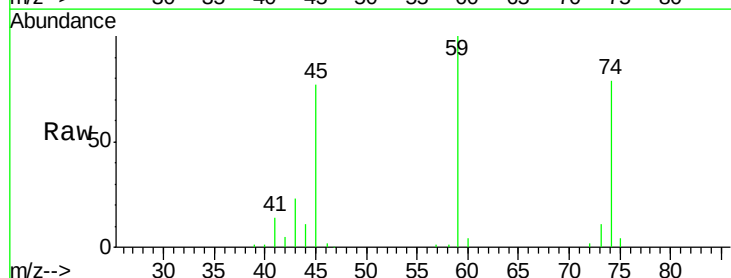
Tot Ion:101 Resp: 201513
Ion Ratio Lower Upper
101 100
103 64.5 51.6 77.4

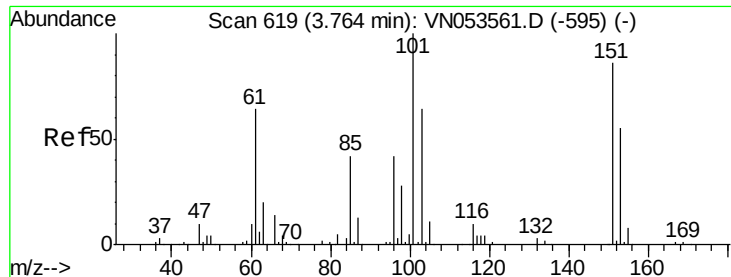


#8

Diethyl Ether
Concen: 20.483 ug/l
RT: 3.41 min Scan# 510
Delta R.T. 0.00 min
Lab File: VN053663.D
Acq: 7 Feb 2019 18:33

Tgt Ion: 74 Resp: 72980
Ion Ratio Lower Upper
74 100
45 95.6 47.9 143.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.721 ug/l

RT: 3.77 min Scan# 620

Delta R.T. 0.00 min

Lab File: VN053663.D

Acq: 7 Feb 2019 18:33

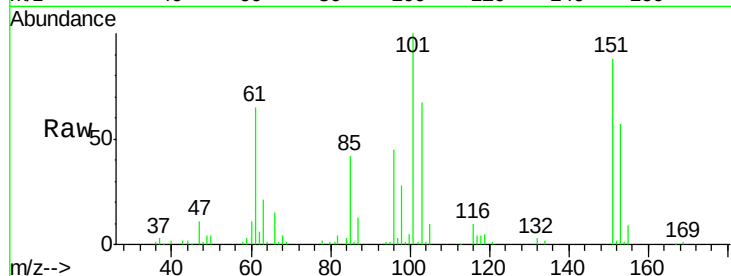
Tot Ion:101 Resp: 118987

Ion Ratio Lower Upper

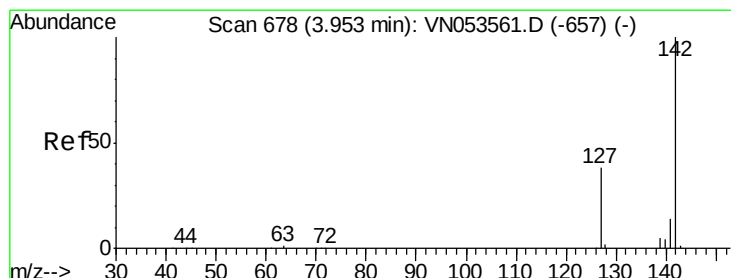
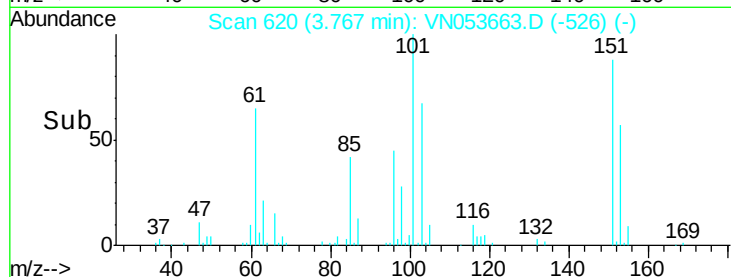
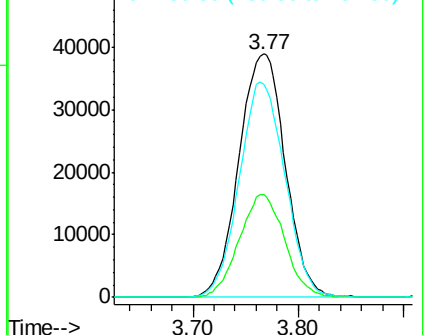
101 100

85 41.3 32.8 49.2

151 87.2 66.9 100.3



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: 20.229 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN053663.D

Acq: 7 Feb 2019 18:33

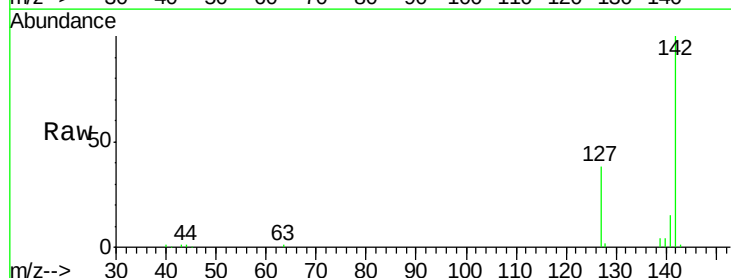
Tgt Ion:142 Resp: 191569

Ion Ratio Lower Upper

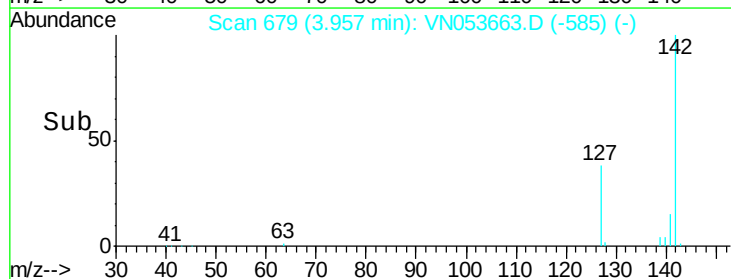
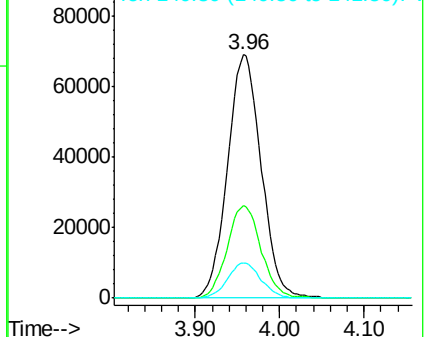
142 100

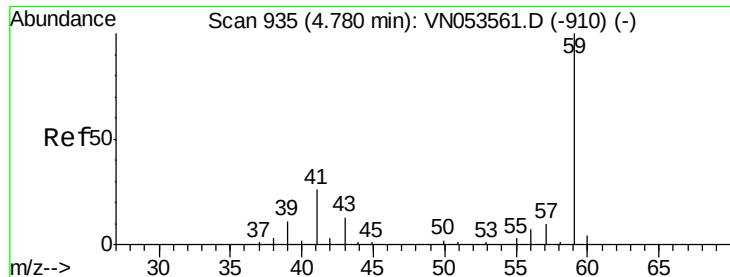
127 38.2 31.0 46.4

141 14.3 11.1 16.7



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

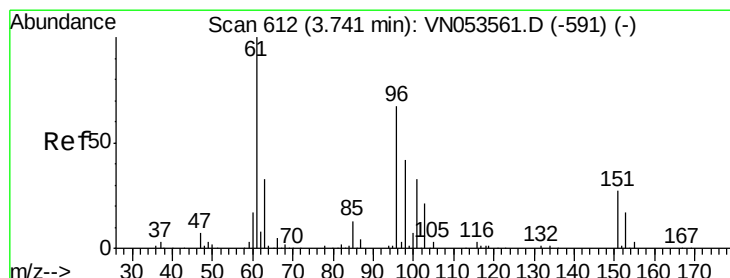
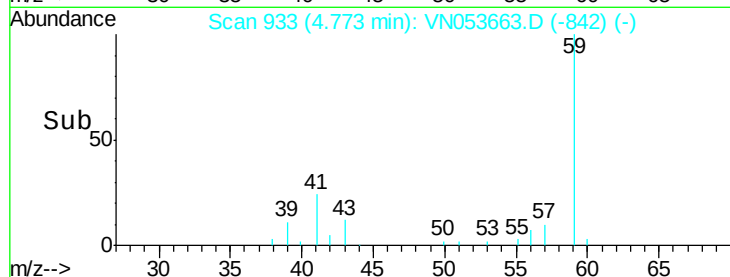
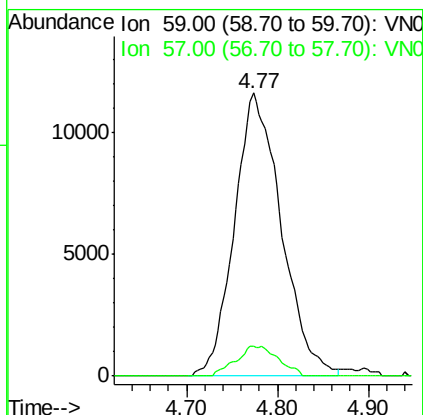
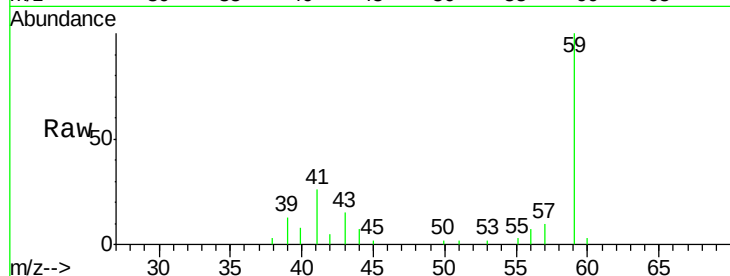




#11

Tert butyl alcohol
 Concen: 112.343 ug/l
 RT: 4.77 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: VN053663.D
 Acq: 7 Feb 2019 18:33

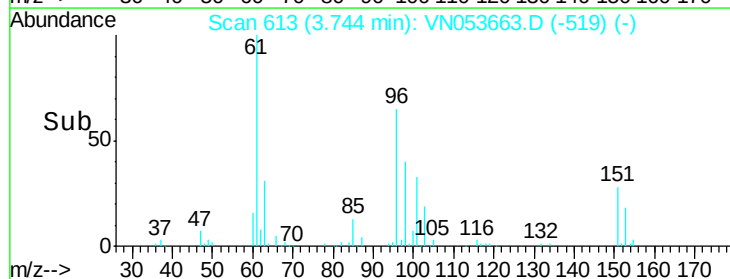
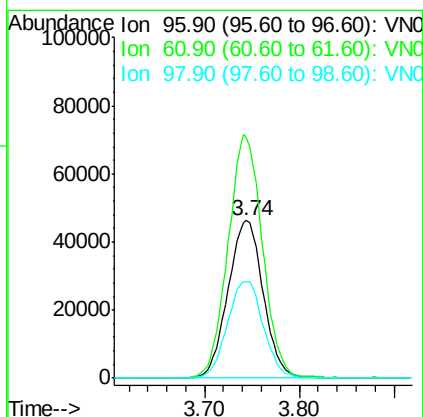
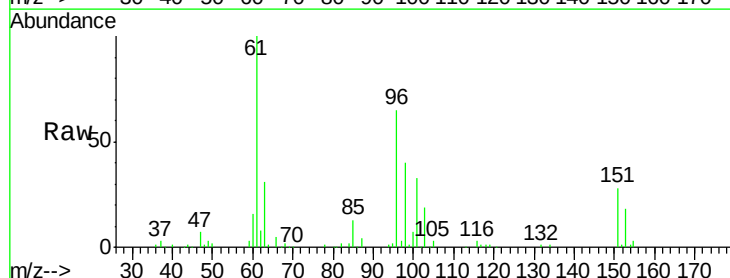
Tot Ion: 59 Resp: 41637
 Ion Ratio Lower Upper
 59 100
 57 9.6 8.2 12.4

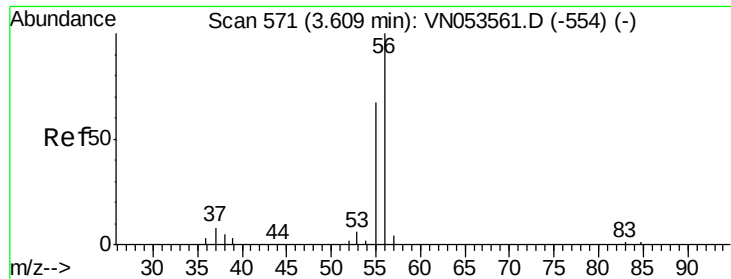


#12

1,1-Dichloroethene
 Concen: 20.676 ug/l
 RT: 3.74 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: VN053663.D
 Acq: 7 Feb 2019 18:33

Tgt Ion: 96 Resp: 119523
 Ion Ratio Lower Upper
 96 100
 61 152.5 122.9 184.3
 98 61.4 49.4 74.0





#13

Acrolein

Concen: 124.174 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN053663.D

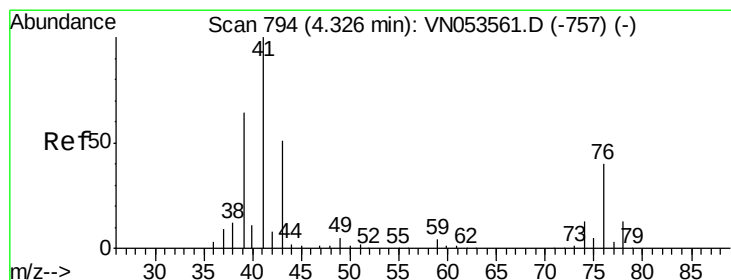
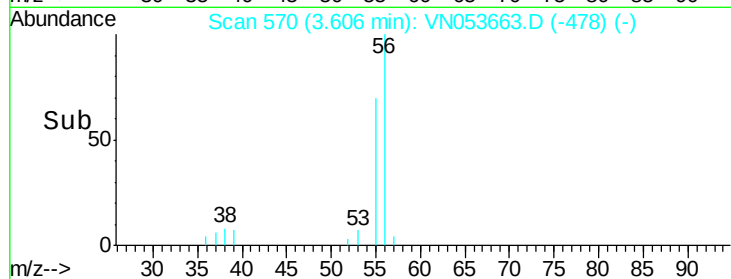
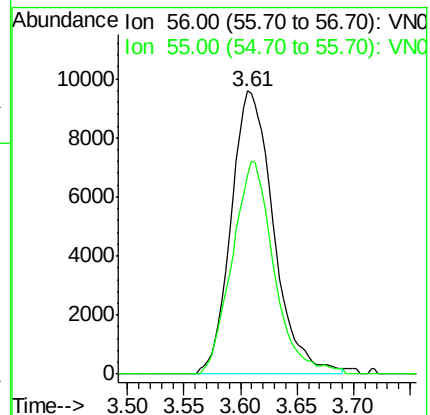
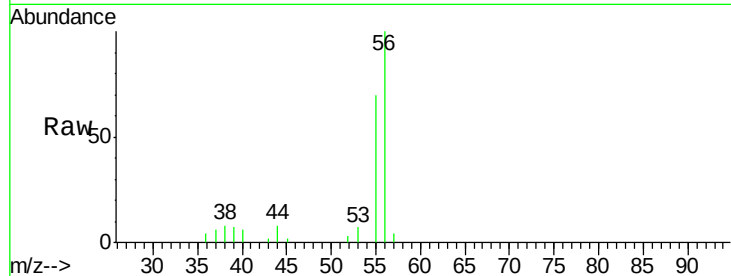
Acq: 7 Feb 2019 18:33

Tot Ion: 56 Resp: 25057

Ion Ratio Lower Upper

56 100

55 72.9 57.4 86.0



#14

Allyl chloride

Concen: 18.658 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN053663.D

Acq: 7 Feb 2019 18:33

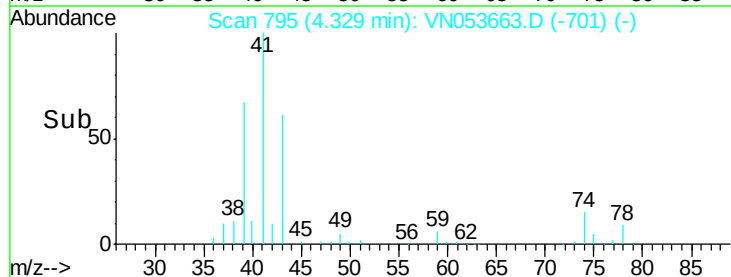
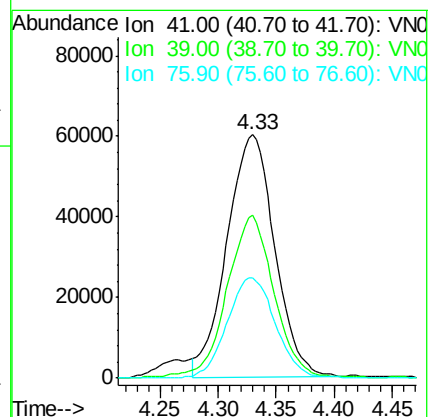
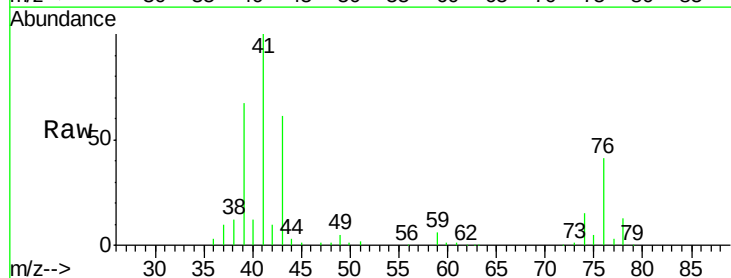
Tgt Ion: 41 Resp: 171729

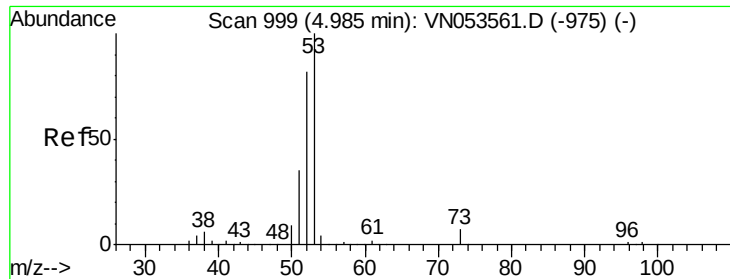
Ion Ratio Lower Upper

41 100

39 66.5 48.9 73.3

76 41.9 29.4 44.2





#15

Acrylonitrile

Concen: 109.917 ug/l

RT: 4.99 min Scan# 1001

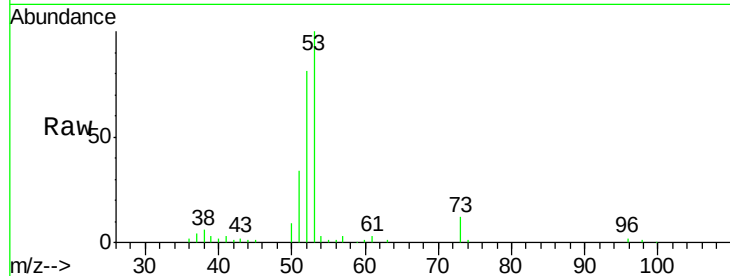
Delta R.T. 0.01 min

Lab File: VN053663.D

Acq: 7 Feb 2019 18:33

Tot Ion: 53 Resp: 219924

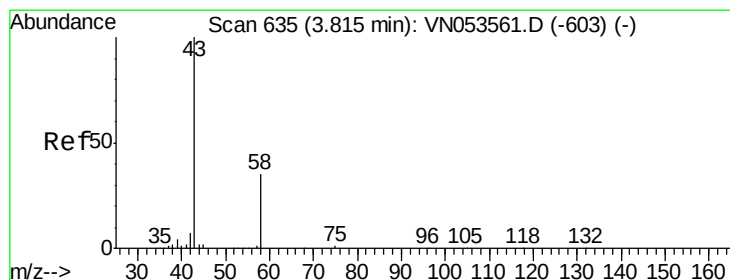
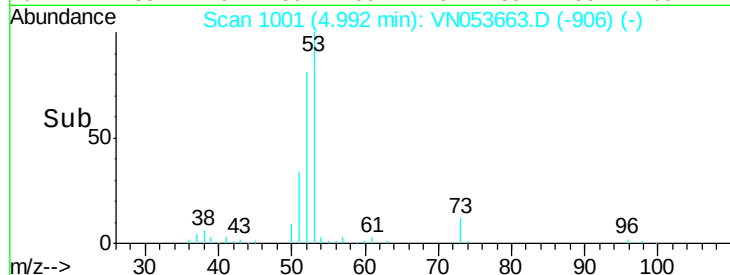
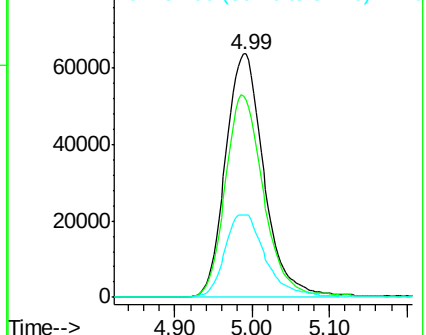
Ion	Ratio	Lower	Upper
53	100		
52	81.9	66.0	99.0
51	36.0	28.3	42.5



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: 90.785 ug/l

RT: 3.82 min Scan# 635

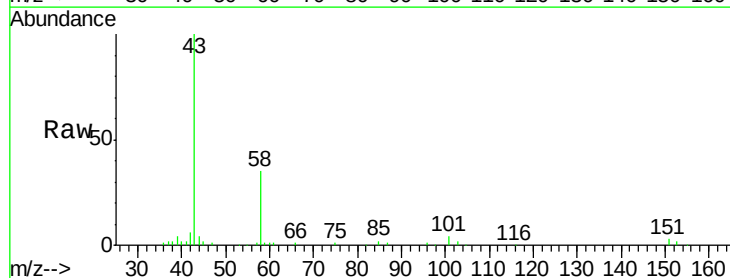
Delta R.T. 0.00 min

Lab File: VN053663.D

Acq: 7 Feb 2019 18:33

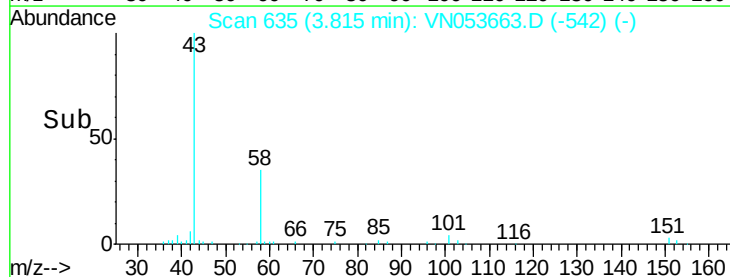
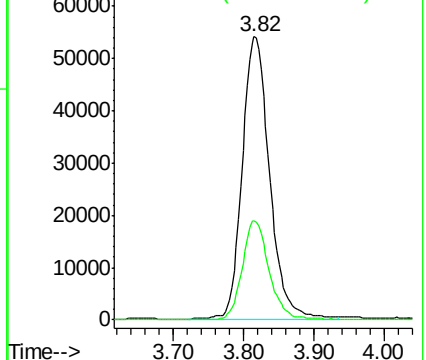
Tgt Ion: 43 Resp: 145829

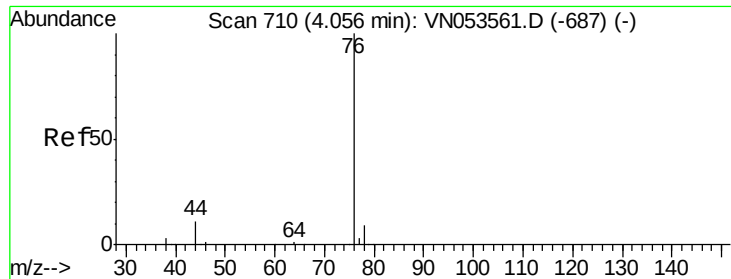
Ion	Ratio	Lower	Upper
43	100		
58	35.3	27.1	40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 18.368 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.00 min

Lab File: VN053663.D

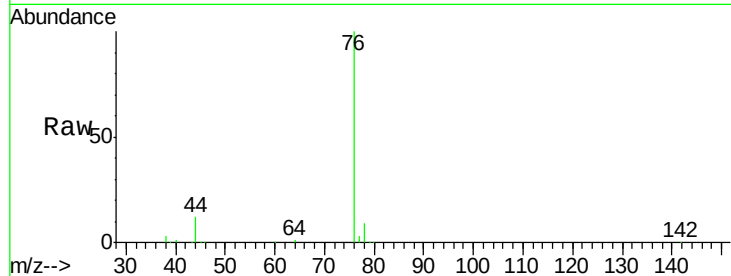
Acq: 7 Feb 2019 18:33

Tot Ion: 76 Resp: 330623

Ion Ratio Lower Upper

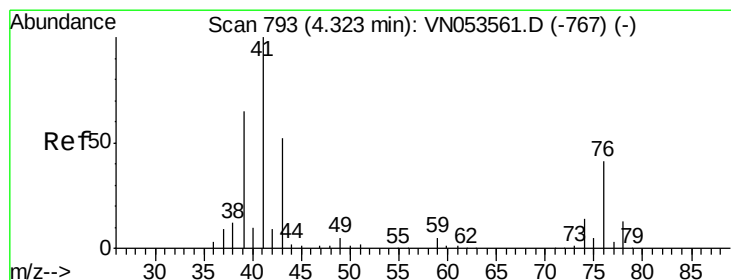
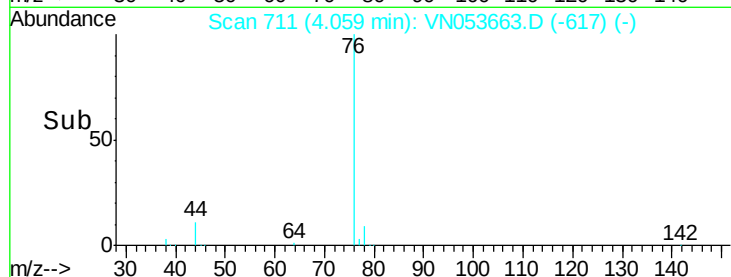
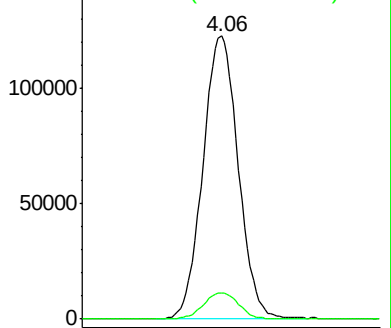
76 100

78 9.4 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VNC

Ion 77.90 (77.60 to 78.60): VNC



#18

Methyl Acetate

Concen: 22.968 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN053663.D

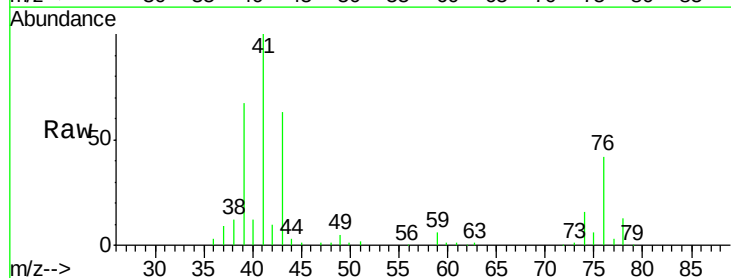
Acq: 7 Feb 2019 18:33

Tgt Ion: 43 Resp: 109260

Ion Ratio Lower Upper

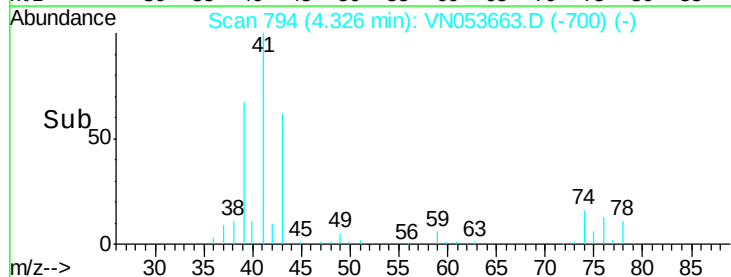
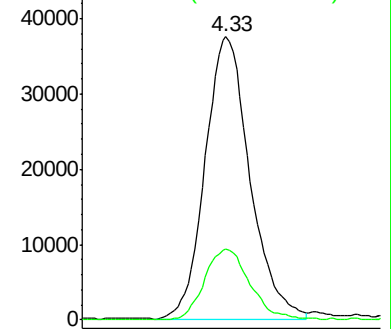
43 100

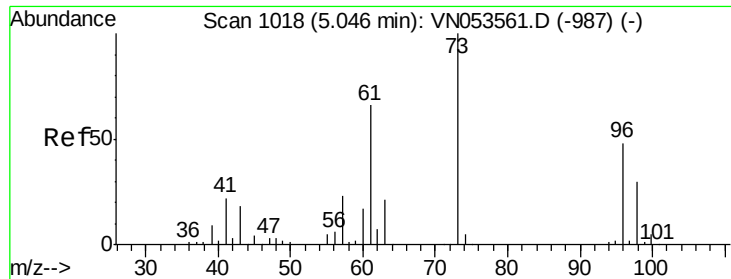
74 25.2 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 74.00 (73.70 to 74.70): VNC

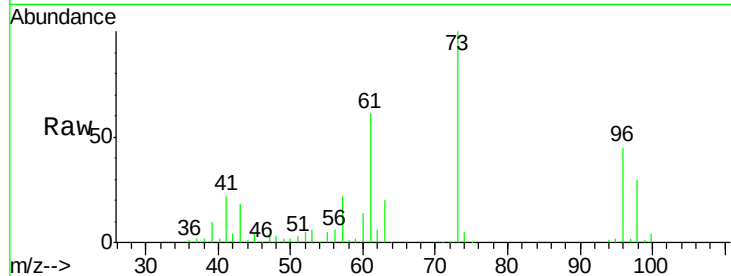




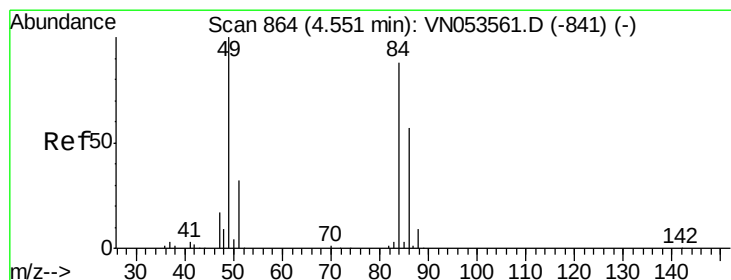
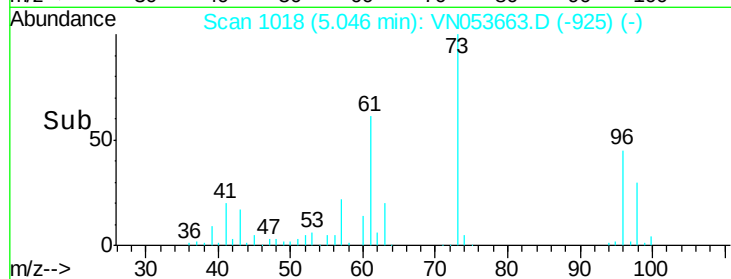
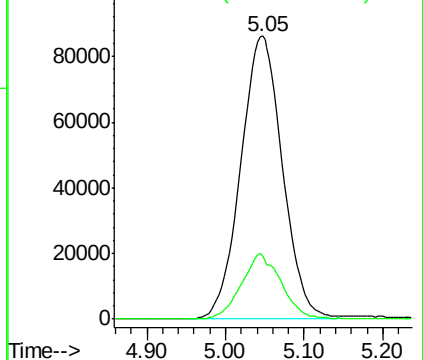
#19

Methyl tert-butyl Ether
 Concen: 21.926 ug/l
 RT: 5.05 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VN053663.D
 Acq: 7 Feb 2019 18:33

Tot Ion: 73 Resp: 321307
 Ion Ratio Lower Upper
 73 100
 57 22.3 18.3 27.5



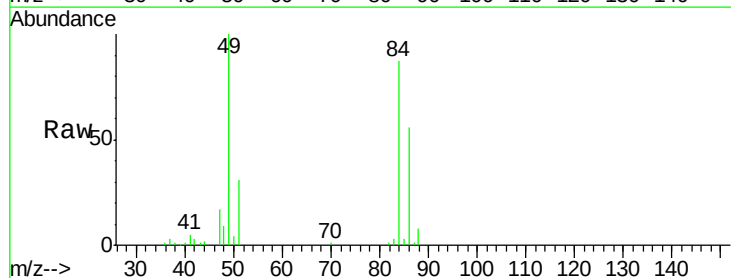
Abundance Ion 73.00 (72.70 to 73.70): VN053561.D (-987) (-)
 Ion 57.00 (56.70 to 57.70): VN053561.D (-987) (-)



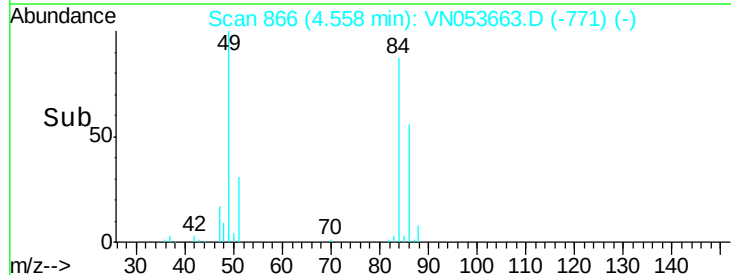
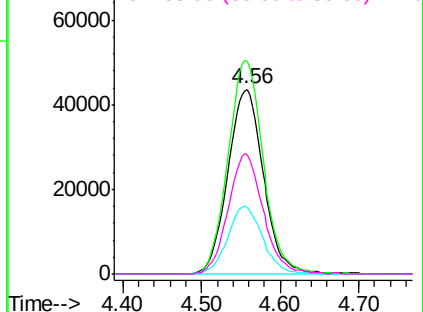
#20

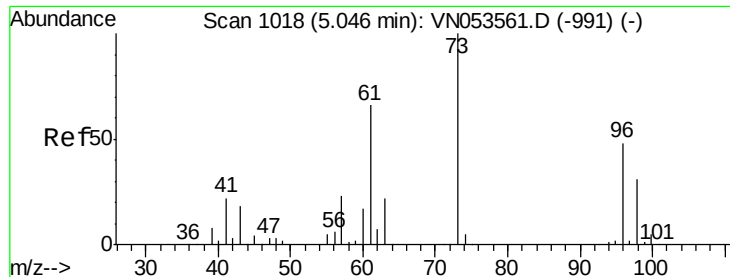
Methylene Chloride
 Concen: 20.393 ug/l
 RT: 4.56 min Scan# 866
 Delta R.T. 0.01 min
 Lab File: VN053663.D
 Acq: 7 Feb 2019 18:33

Tgt Ion: 84 Resp: 137433
 Ion Ratio Lower Upper
 84 100
 49 115.1 94.3 141.5
 51 36.1 29.4 44.2
 86 64.4 51.4 77.0



Abundance Ion 83.90 (83.60 to 84.60): VN053561.D (-841) (-)
 Ion 48.90 (48.60 to 49.60): VN053561.D (-841) (-)
 Ion 50.90 (50.60 to 51.60): VN053561.D (-841) (-)
 Ion 85.90 (85.60 to 86.60): VN053561.D (-841) (-)

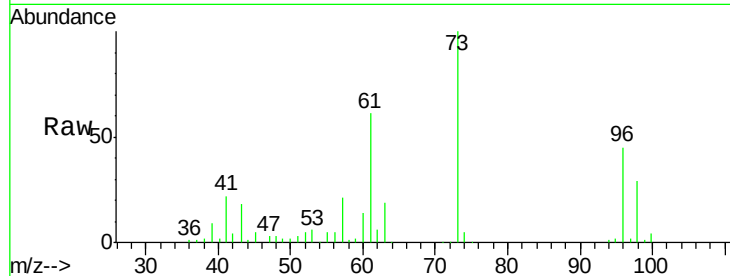




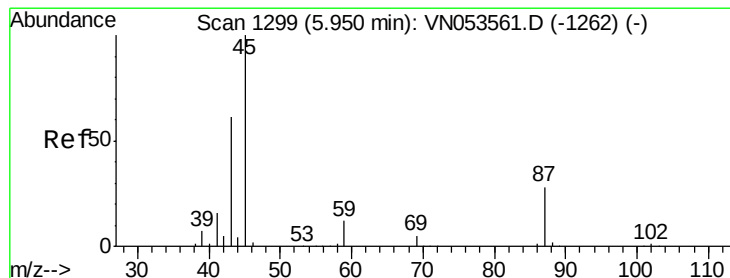
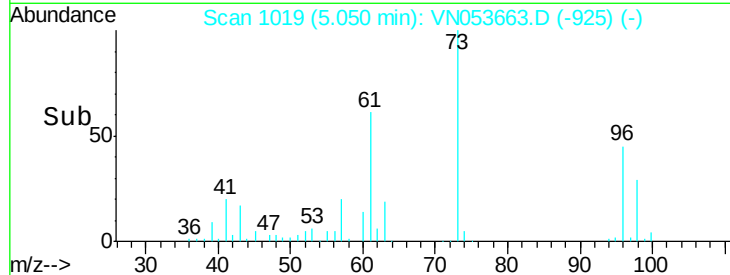
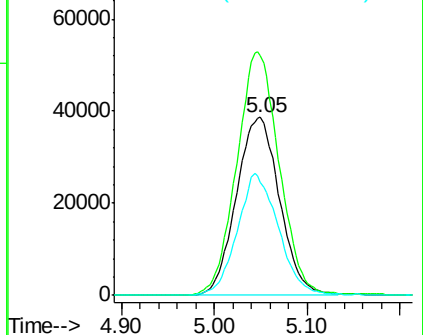
#21

trans-1,2-Dichloroethene
Concen: 20.080 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN053663.D
Acq: 7 Feb 2019 18:33

Tot Ion	96	Resp	125231
Ion	Ratio	Lower	Upper
96	100		
61	134.8	110.1	165.1
98	63.8	50.0	75.0



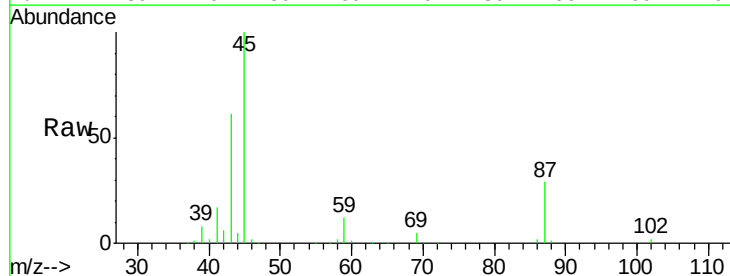
Abundance Ion 95.90 (95.60 to 96.60): VN053561.D (-991) (-)



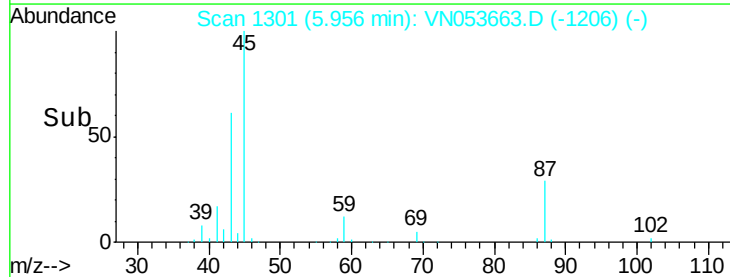
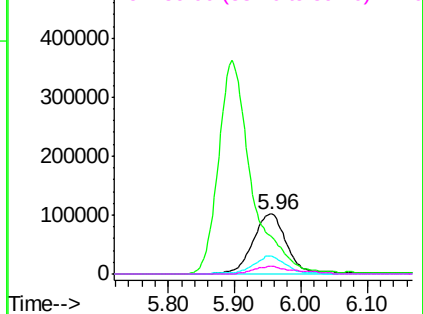
#22

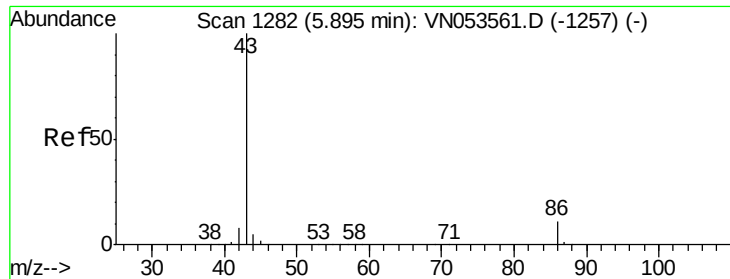
Diisopropyl ether
Concen: 21.245 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.01 min
Lab File: VN053663.D
Acq: 7 Feb 2019 18:33

Tgt Ion	45	Resp	362329
Ion	Ratio	Lower	Upper
45	100		
43	60.0	44.2	66.4
87	28.6	22.7	34.1
59	12.2	9.4	14.2



Abundance Ion 45.00 (44.70 to 45.70): VN053561.D (-1262) (-)





#23

Vinyl Acetate

Concen: 106.647 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN053663.D

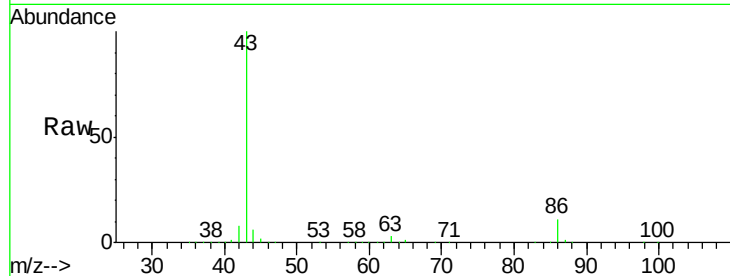
Acq: 7 Feb 2019 18:33

Tot Ion: 43 Resp: 1258223

Ion Ratio Lower Upper

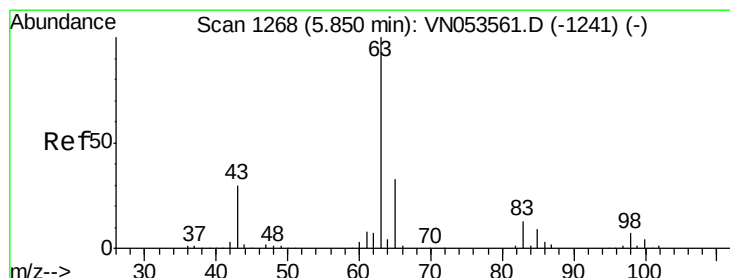
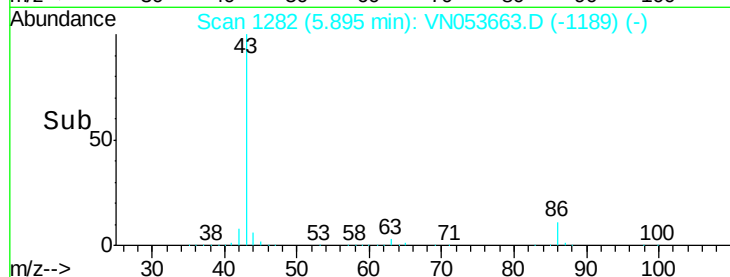
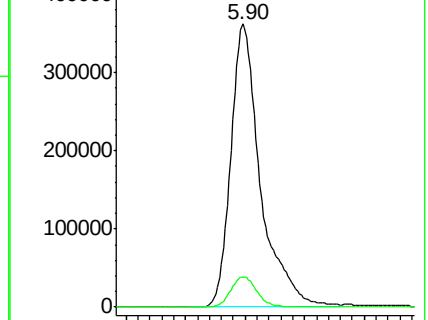
43 100

86 10.7 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 21.132 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN053663.D

Acq: 7 Feb 2019 18:33

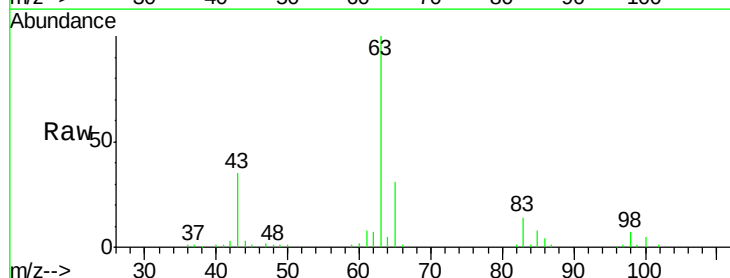
Tgt Ion: 63 Resp: 240384

Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.9

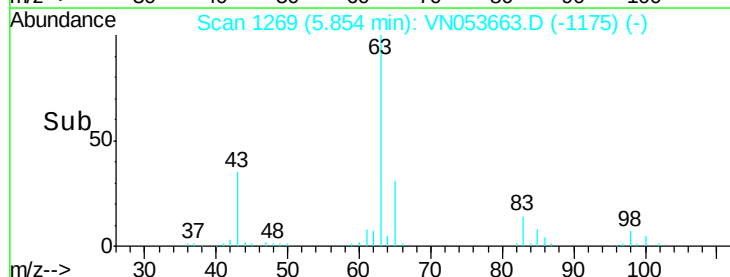
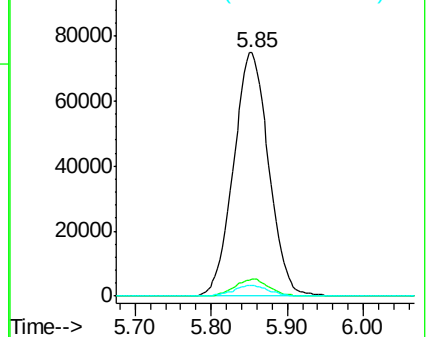
100 4.5 2.1 6.5

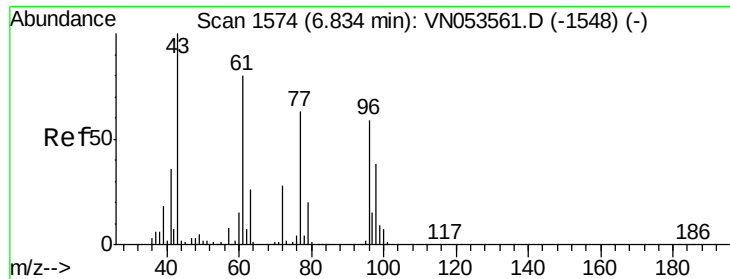


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 101.201 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VN053663.D

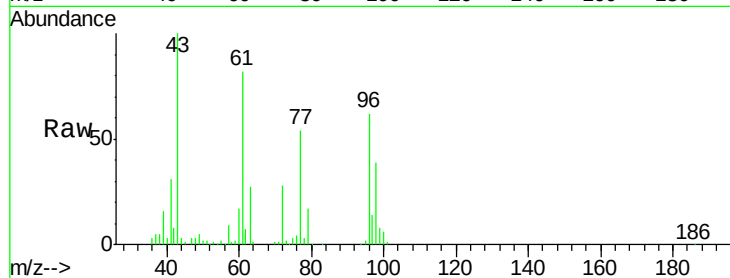
Acq: 7 Feb 2019 18:33

Tot Ion: 43 Resp: 231847

Ion Ratio Lower Upper

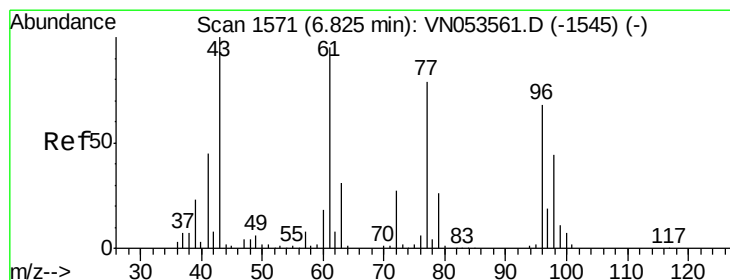
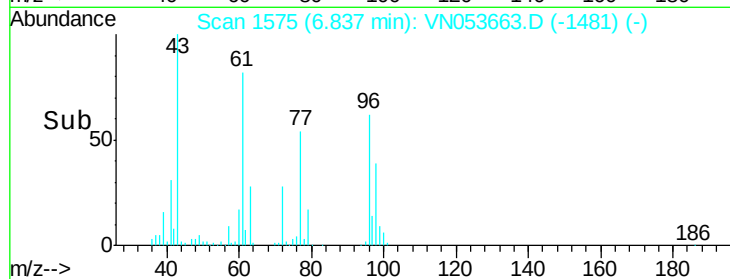
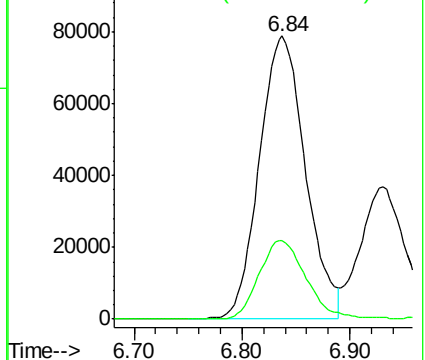
43 100

72 28.0 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 17.790 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN053663.D

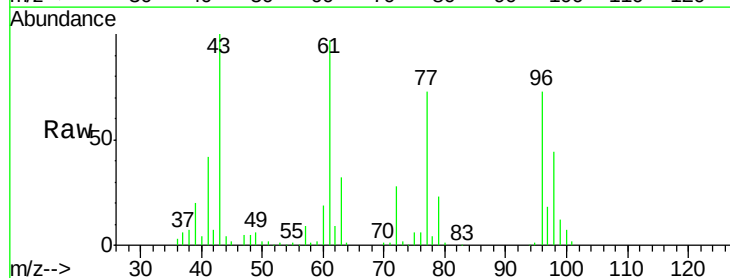
Acq: 7 Feb 2019 18:33

Tgt Ion: 77 Resp: 154476

Ion Ratio Lower Upper

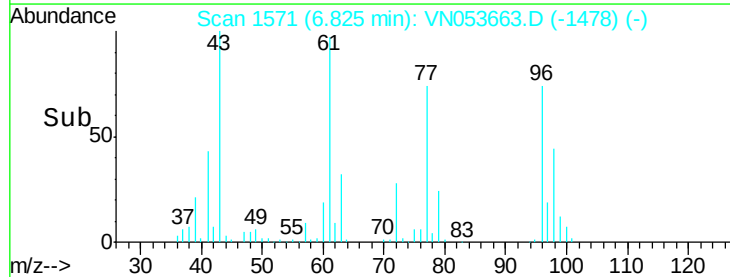
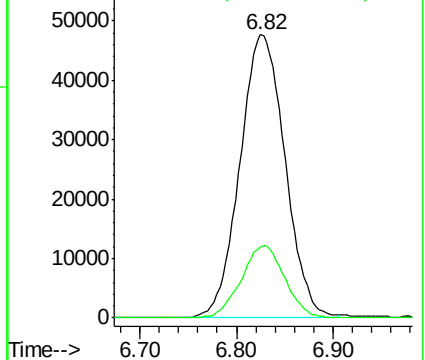
77 100

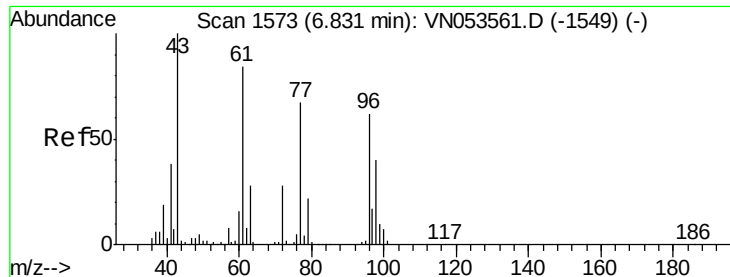
97 24.6 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 21.122 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN053663.D

Acq: 7 Feb 2019 18:33

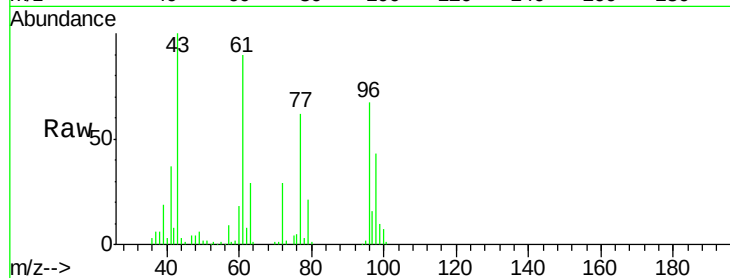
Tot Ion: 96 Resp: 146474

Ion Ratio Lower Upper

96 100

61 136.6 0.0 283.8

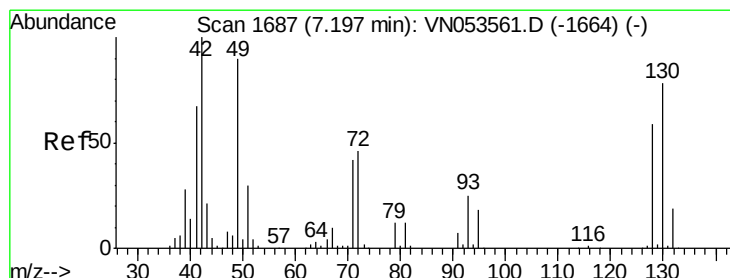
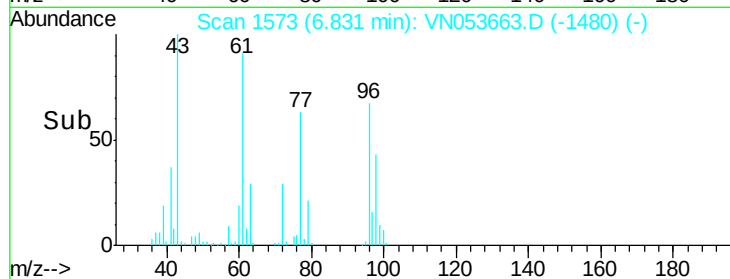
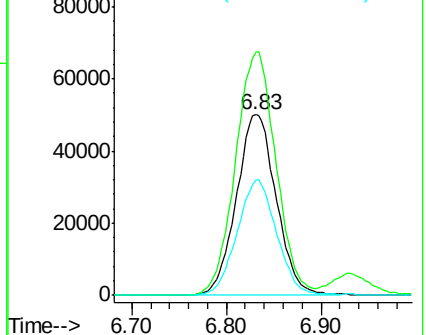
98 63.2 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN053561.D (-1549) (-)

Ion 60.90 (60.60 to 61.60): VN053561.D (-1549) (-)

Ion 97.90 (97.60 to 98.60): VN053561.D (-1549) (-)



#28

Bromochloromethane

Concen: 20.483 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN053663.D

Acq: 7 Feb 2019 18:33

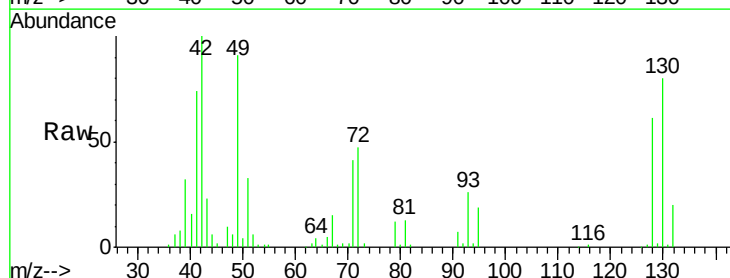
Tgt Ion: 49 Resp: 101109

Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.0

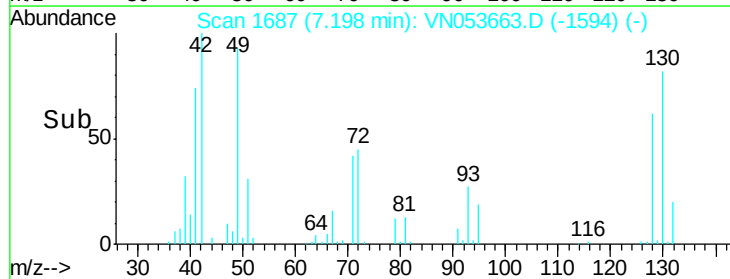
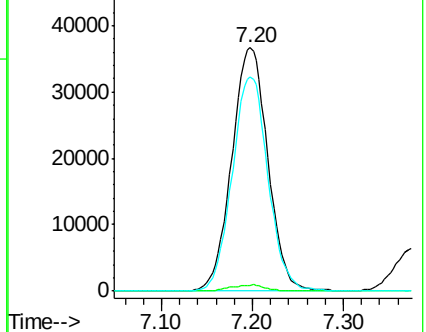
130 87.4 66.3 99.5

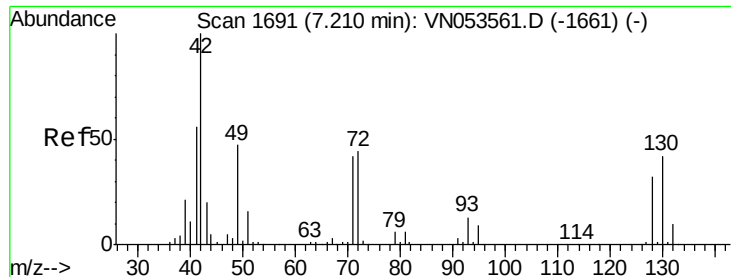


Abundance Ion 48.90 (48.60 to 49.60): VN053561.D (-1664) (-)

Ion 128.80 (128.50 to 129.50): VN053561.D (-1664) (-)

Ion 129.80 (129.50 to 130.50): VN053561.D (-1664) (-)





#29

Tetrahydrofuran

Concen: 109.576 ug/l

RT: 7.21 min Scan# 1692

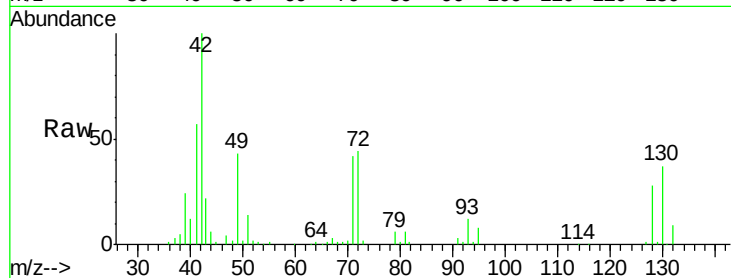
Delta R.T. 0.00 min

Lab File: VN053663.D

Acq: 7 Feb 2019 18:33

Tot Ion: 42 Resp: 161197

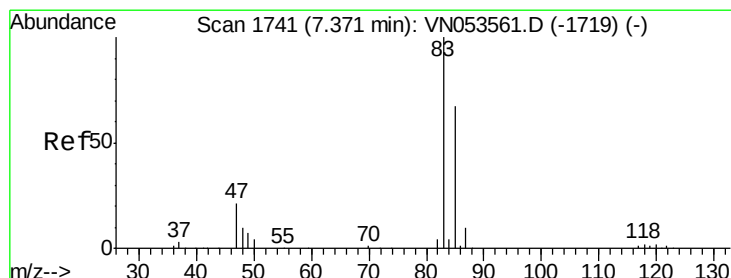
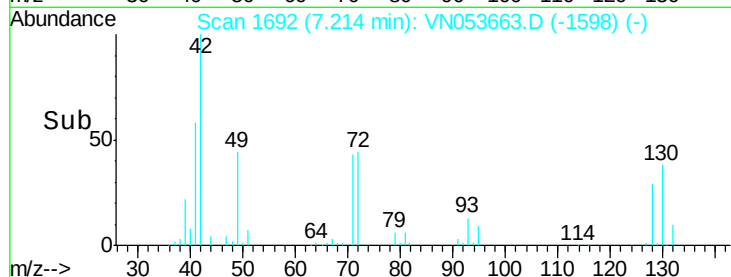
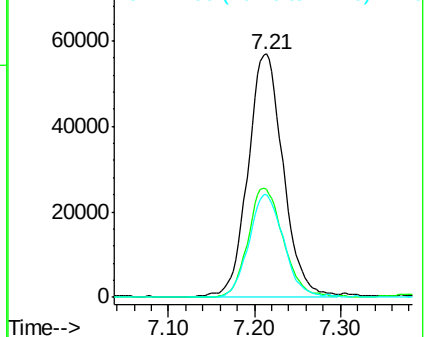
Ion	Ratio	Lower	Upper
42	100		
72	45.5	35.2	52.8
71	41.8	33.0	49.4



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 21.174 ug/l

RT: 7.37 min Scan# 1742

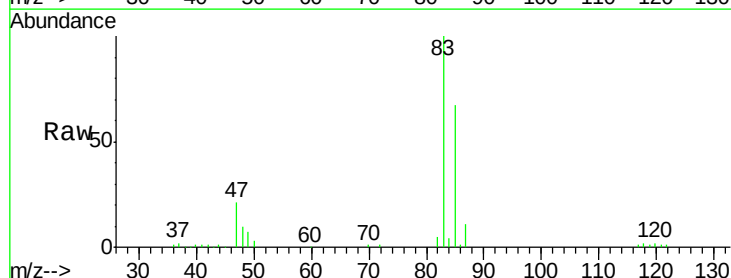
Delta R.T. 0.00 min

Lab File: VN053663.D

Acq: 7 Feb 2019 18:33

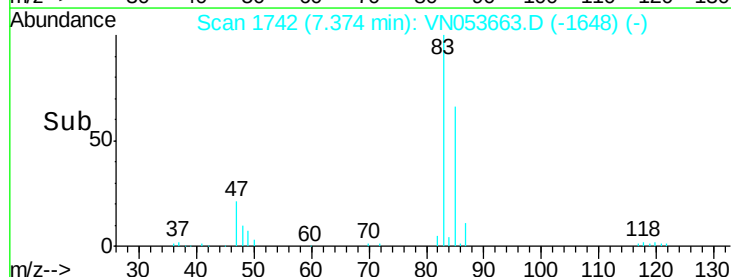
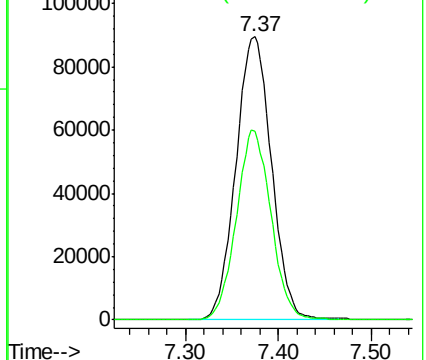
Tgt Ion: 83 Resp: 238757

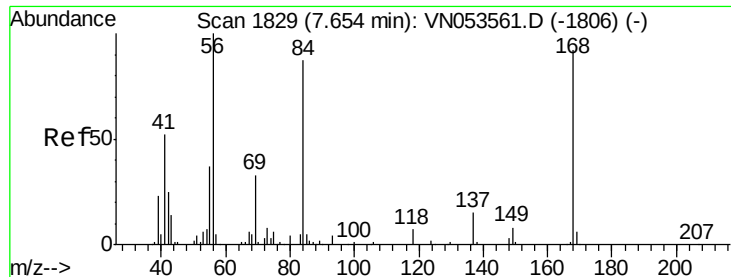
Ion	Ratio	Lower	Upper
83	100		
85	66.5	52.2	78.2



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 18.939 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN053663.D

Acq: 7 Feb 2019 18:33

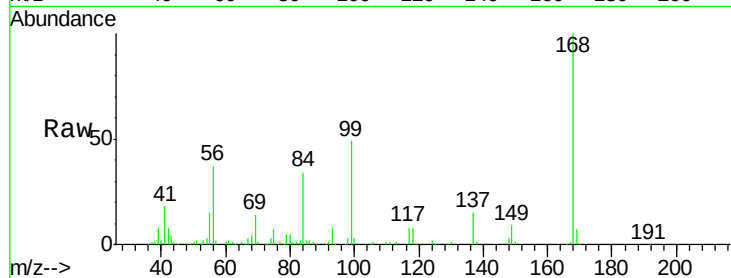
Tot Ion: 56 Resp: 201691

Ion Ratio Lower Upper

56 100

69 36.8 26.4 39.6

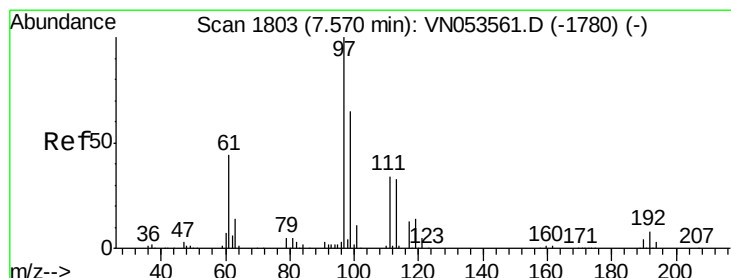
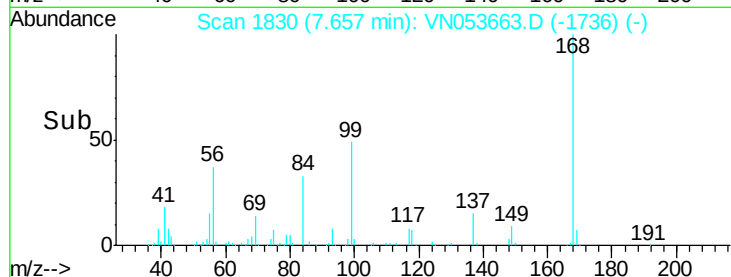
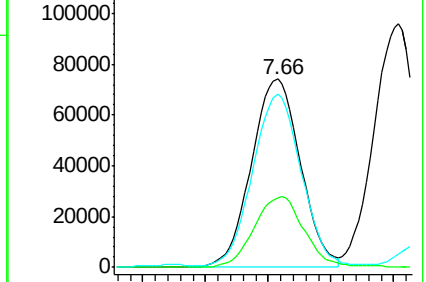
84 91.2 67.9 101.9



Abundance Ion 56.00 (55.70 to 56.70): VN053561.D (-1806) (-)

Ion 69.00 (68.70 to 69.70): VN053561.D (-1806) (-)

Ion 84.00 (83.70 to 84.70): VN053561.D (-1806) (-)



#32

1,1,1-Trichloroethane

Concen: 21.147 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN053663.D

Acq: 7 Feb 2019 18:33

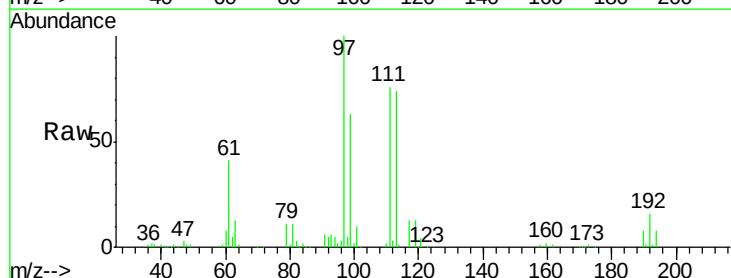
Tgt Ion: 97 Resp: 198441

Ion Ratio Lower Upper

97 100

99 63.9 52.0 78.0

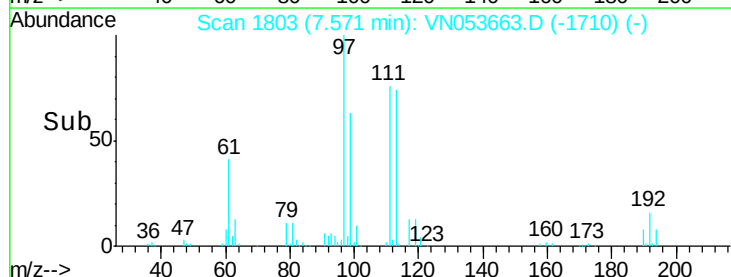
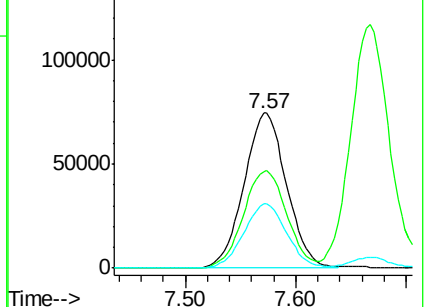
61 41.8 34.4 51.6

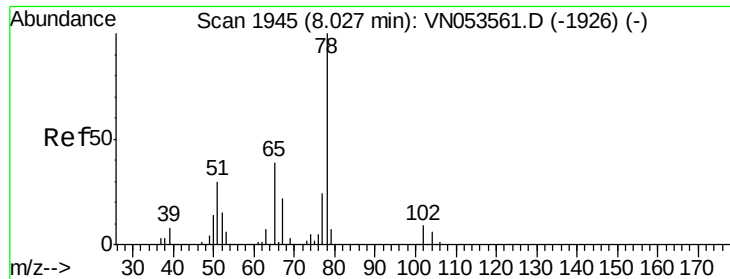


Abundance Ion 96.90 (96.60 to 97.60): VN053561.D (-1780) (-)

Ion 98.90 (98.60 to 99.60): VN053561.D (-1780) (-)

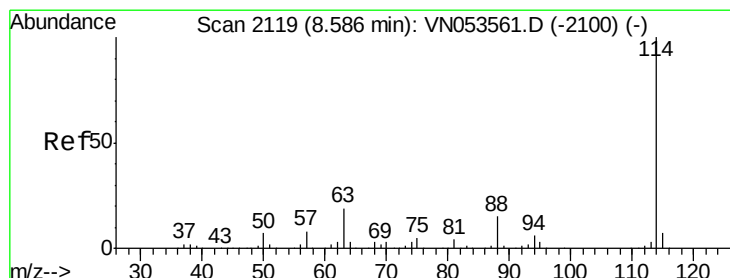
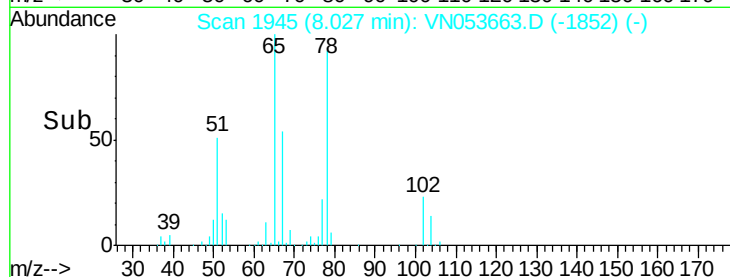
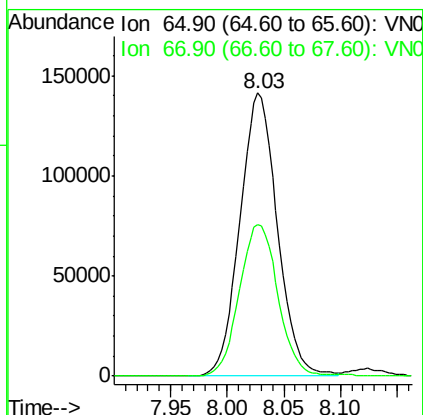
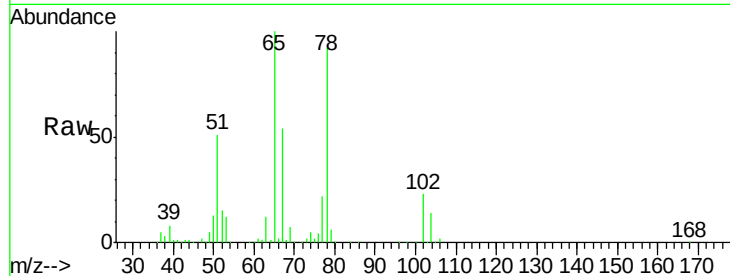
Ion 60.90 (60.60 to 61.60): VN053561.D (-1780) (-)





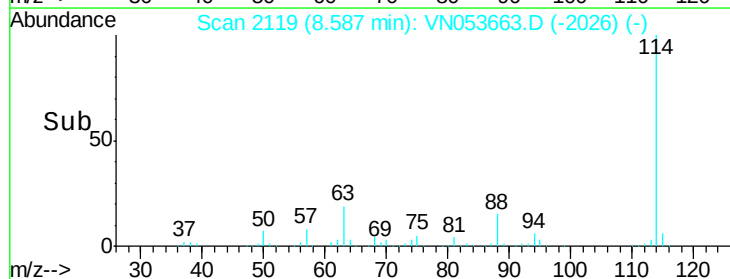
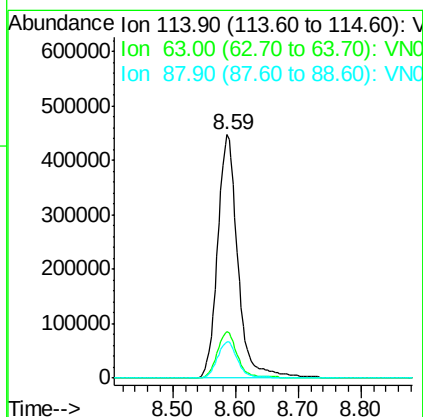
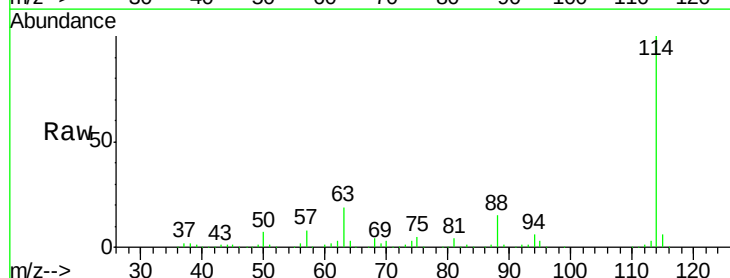
#33
 1,2-Dichloroethane-d4
 Concen: 21.147 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053663.D
 Acq: 7 Feb 2019 18:33

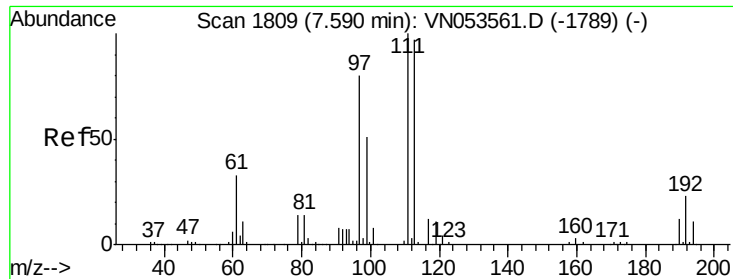
Tot Ion: 65 Resp: 326033
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053663.D
 Acq: 7 Feb 2019 18:33

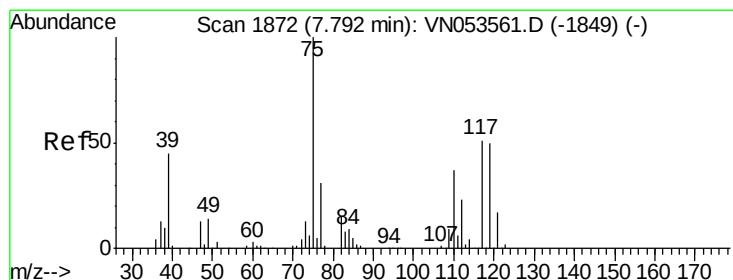
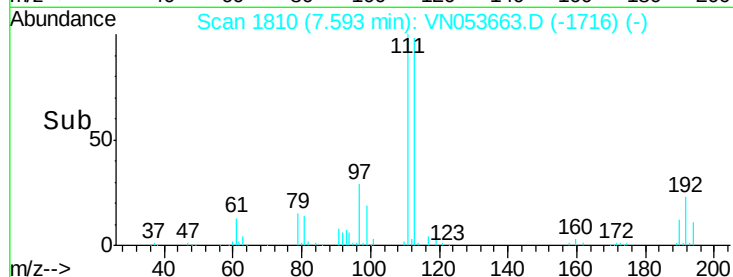
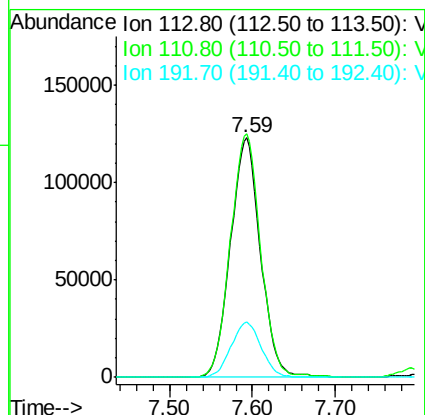
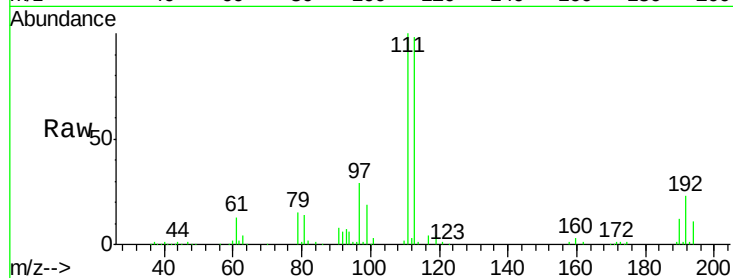
Tgt Ion: 114 Resp: 1008961
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.6
 88 15.0 0.0 30.4





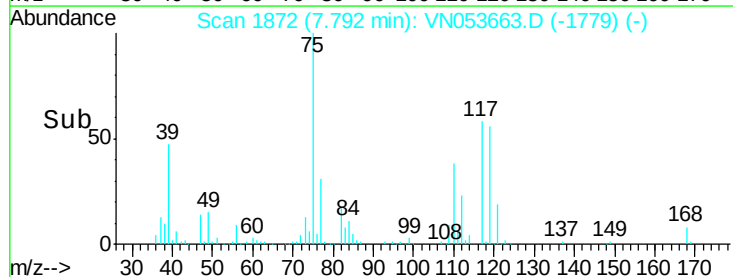
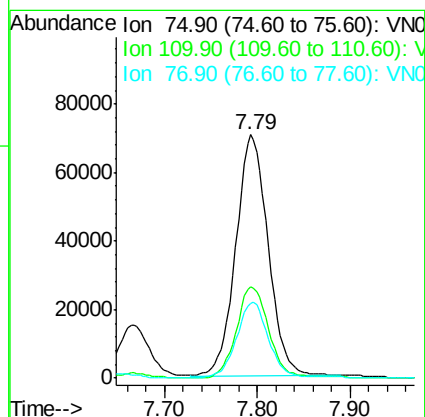
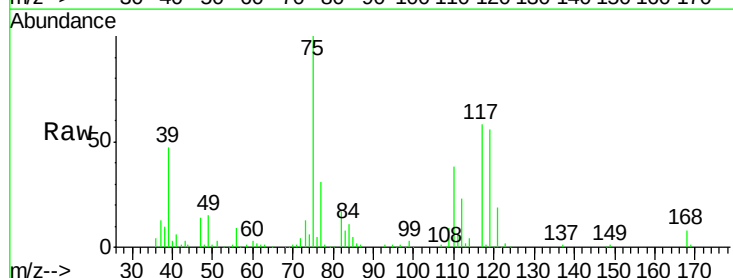
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053663.D
 Acq: 7 Feb 2019 18:33

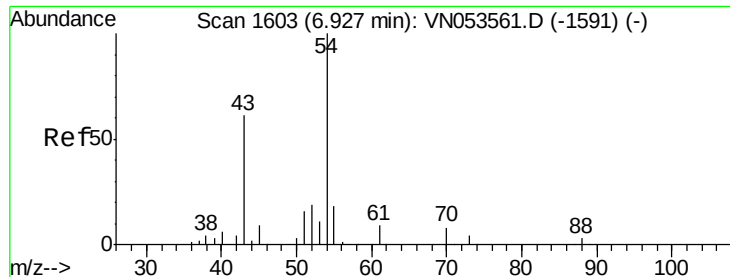
Tot Ion:113 Resp: 309513
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.1 121.7
 192 23.1 18.2 27.2



#36
 1,1-Dichloropropene
 Concen: 18.888 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN053663.D
 Acq: 7 Feb 2019 18:33

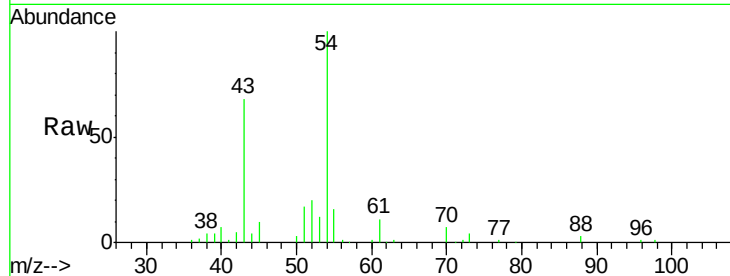
Tgt Ion: 75 Resp: 171787
 Ion Ratio Lower Upper
 75 100
 110 37.6 18.1 54.3
 77 31.0 25.1 37.7



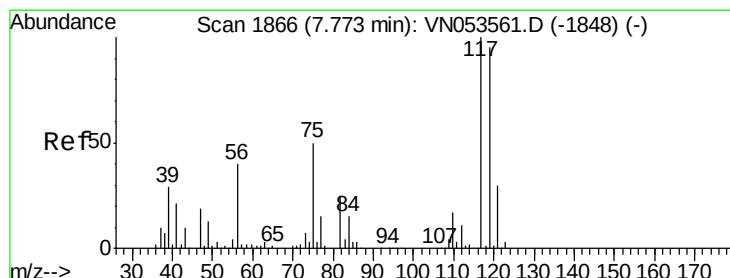
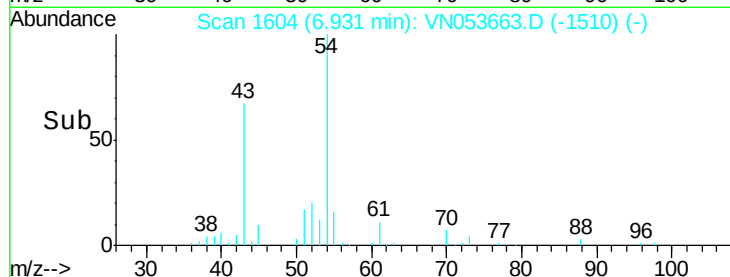
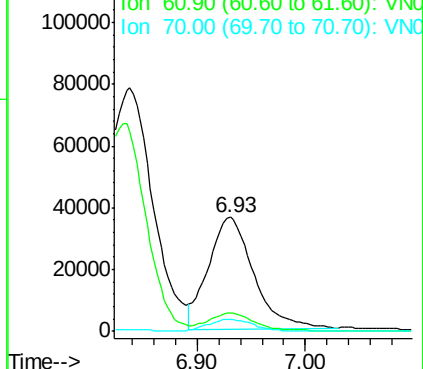


#37
Ethyl Acetate
Concen: 20.664 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN053663.D
Acq: 7 Feb 2019 18:33

Tot Ion: 43 Resp: 104965
Ion Ratio Lower Upper
43 100
61 15.2 11.8 17.6
70 10.9 8.6 12.8

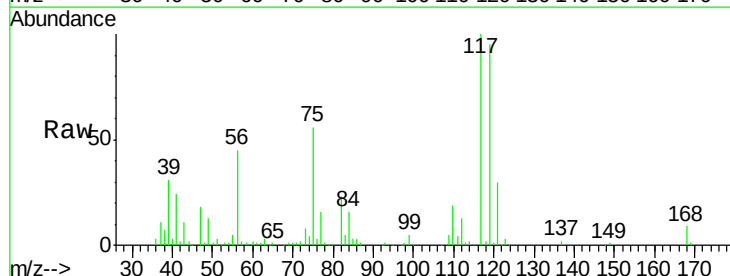


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

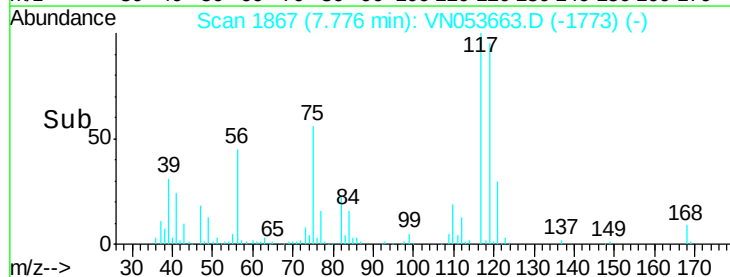
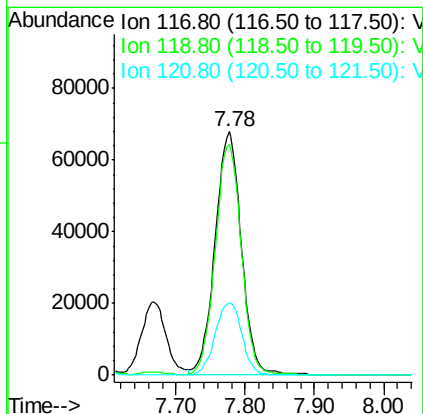


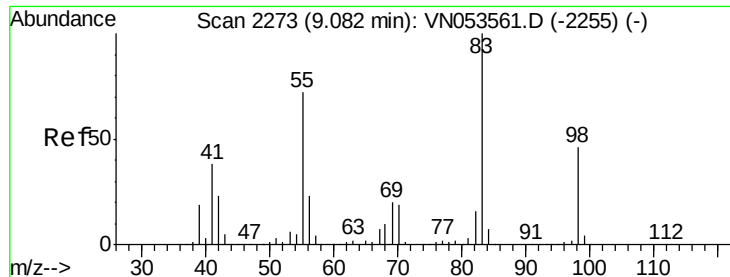
#38
Carbon Tetrachloride
Concen: 19.614 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN053663.D
Acq: 7 Feb 2019 18:33

Tgt Ion: 117 Resp: 179712
Ion Ratio Lower Upper
117 100
119 94.6 77.2 115.8
121 29.8 24.6 37.0



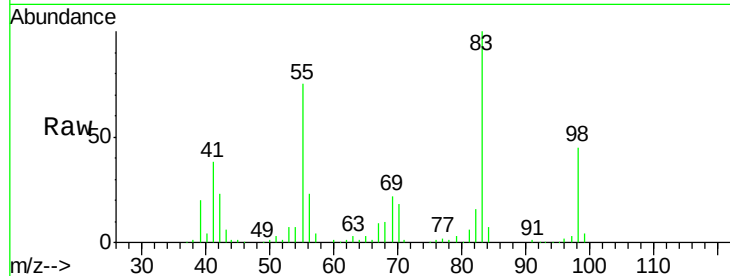
Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V



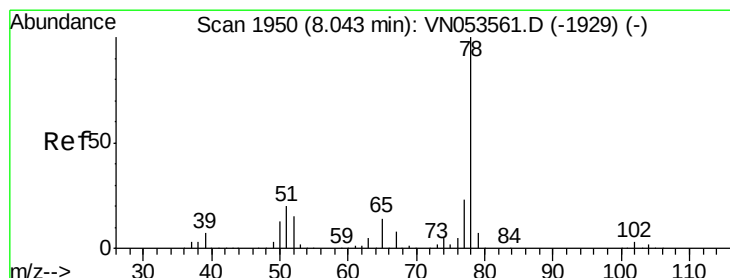
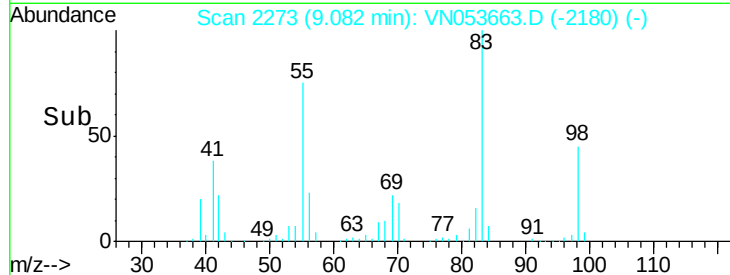
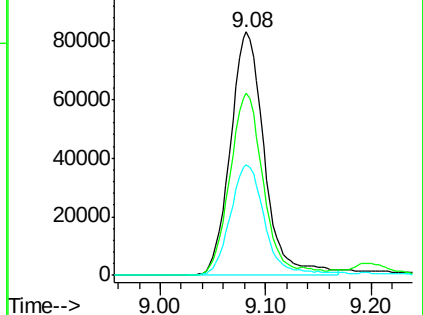


#39
Methylvlcyclohexane
Concen: 17.201 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN053663.D
Acq: 7 Feb 2019 18:33

Tot Ion	83.00	Resp	185605
Ion	Ratio	Lower	Upper
83	100		
55	74.8	60.1	90.1
98	45.5	36.6	55.0

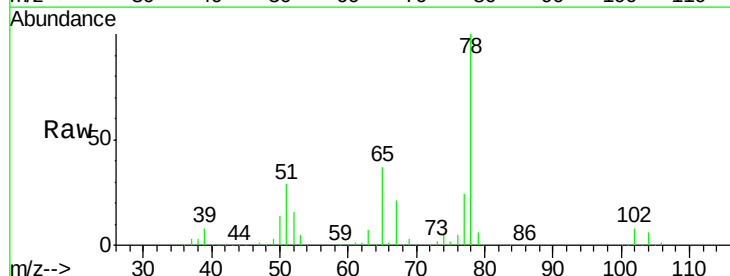


Abundance Ion 83.00 (82.70 to 83.70): VN053561.D (-2255) (-)
Ion 55.00 (54.70 to 55.70): VN053561.D (-2255) (-)
Ion 98.00 (97.70 to 98.70): VN053561.D (-2255) (-)

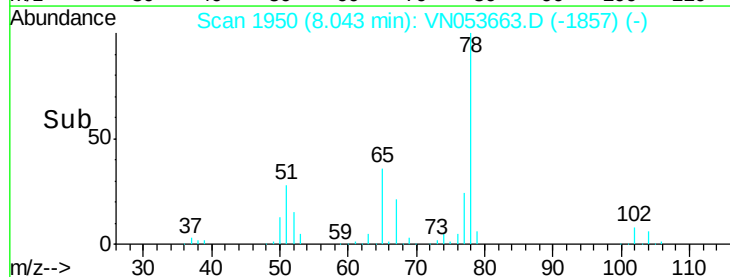
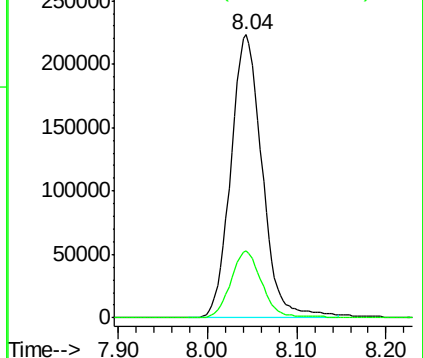


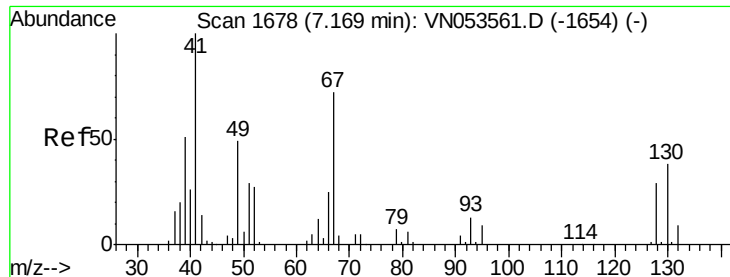
#40
Benzene
Concen: 19.458 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN053663.D
Acq: 7 Feb 2019 18:33

Tgt Ion	78.00	Resp	545729
Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.8	28.2



Abundance Ion 78.00 (77.70 to 78.70): VN053561.D (-1929) (-)
Ion 77.00 (76.70 to 77.70): VN053561.D (-1929) (-)





#41

Methacrylonitrile

Concen: 17.009 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VN053663.D

Acq: 7 Feb 2019 18:33

Tot Ion: 41 Resp: 48290

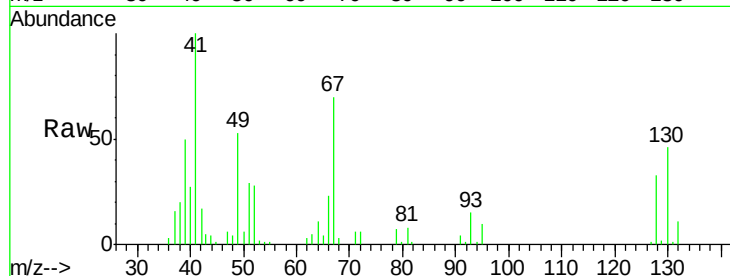
Ion Ratio Lower Upper

41 100

39 62.9 46.8 70.2

67 109.0 63.0 94.6#

52 43.4 23.8 35.8#

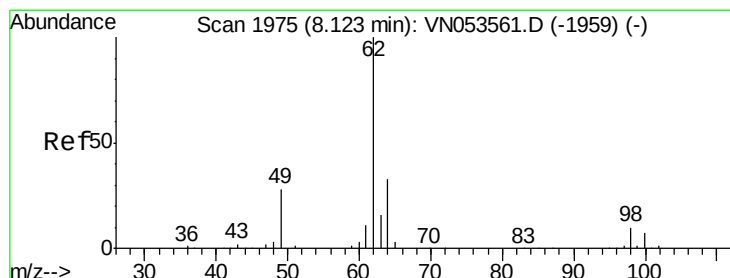
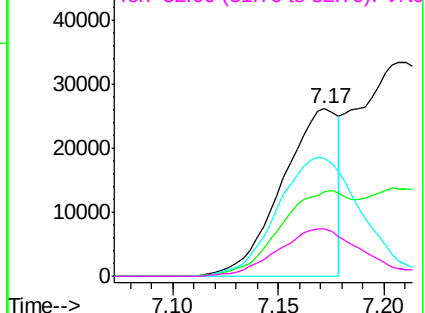
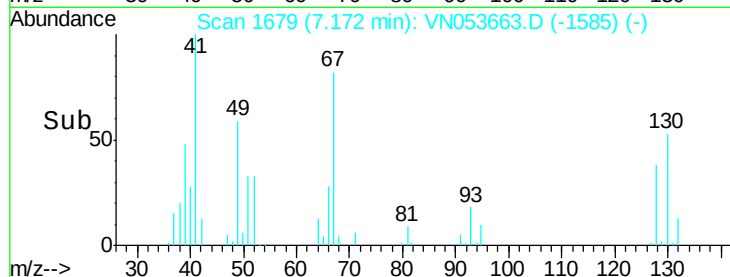


Abundance Ion 41.00 (40.70 to 41.70): VN0

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: 19.407 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN053663.D

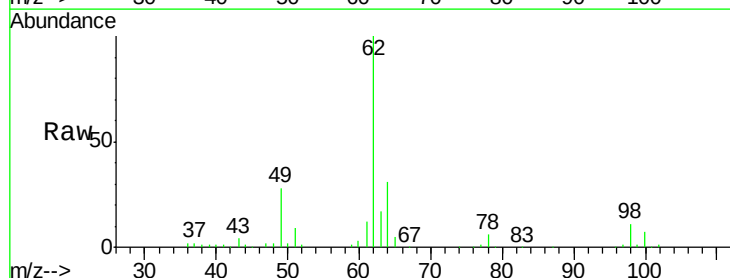
Acq: 7 Feb 2019 18:33

Tgt Ion: 62 Resp: 161620

Ion Ratio Lower Upper

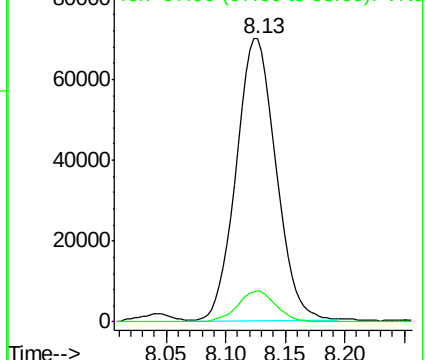
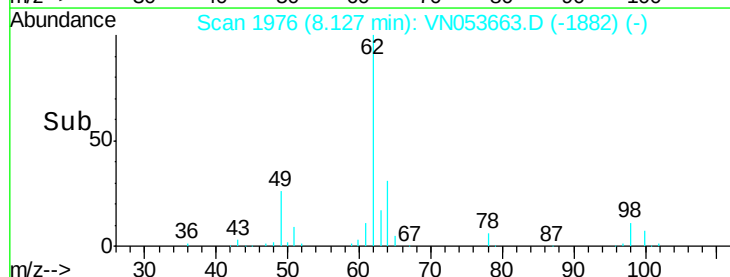
62 100

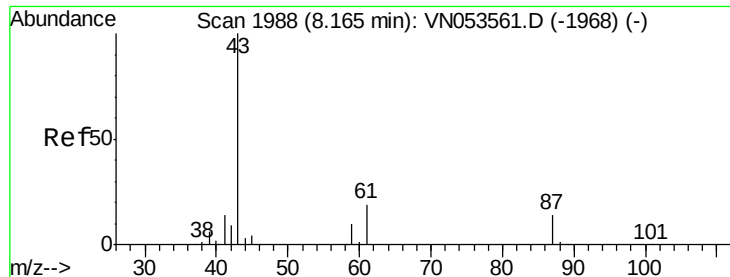
98 10.7 0.0 19.6



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 21.257 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053663.D

Acq: 7 Feb 2019 18:33

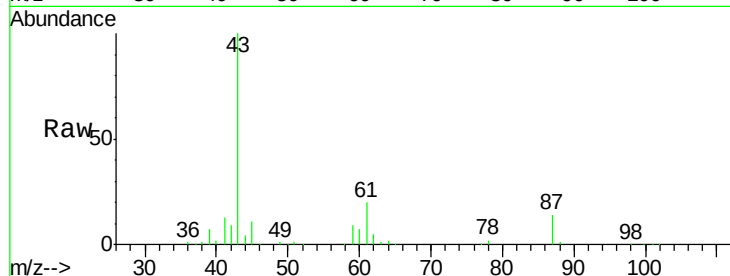
Tot Ion: 43 Resp: 208527

Ion Ratio Lower Upper

43 100

61 26.6 23.9 35.9

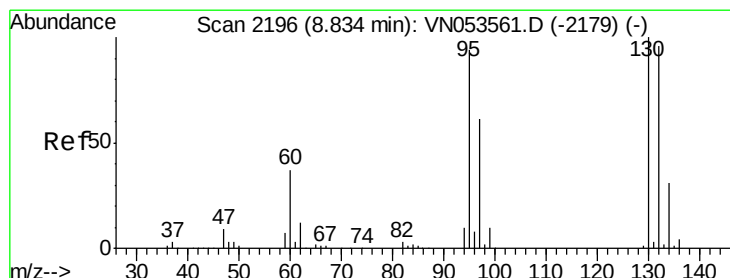
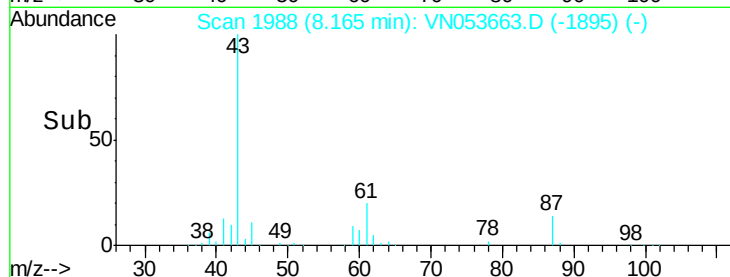
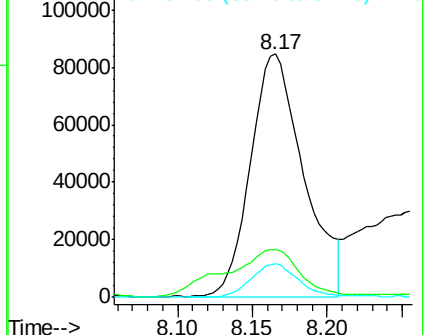
87 12.2 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 18.723 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN053663.D

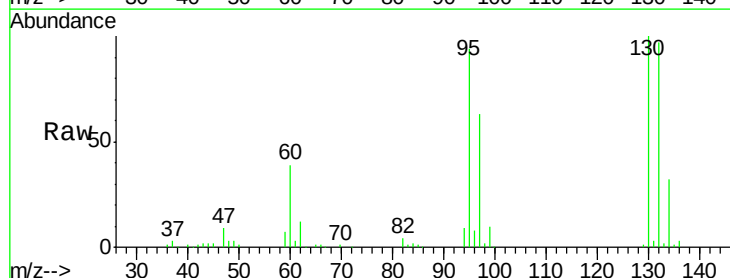
Acq: 7 Feb 2019 18:33

Tgt Ion:130 Resp: 149502

Ion Ratio Lower Upper

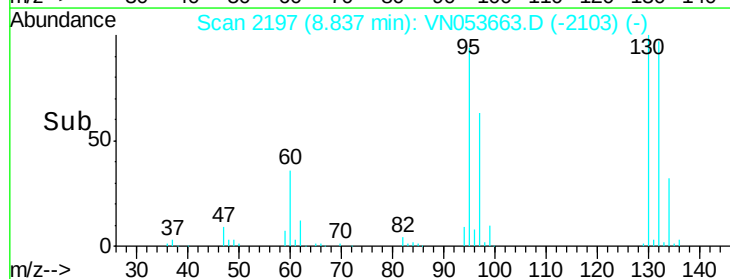
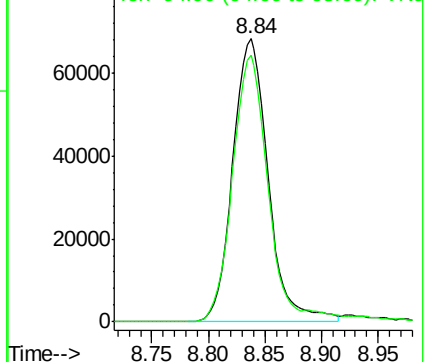
130 100

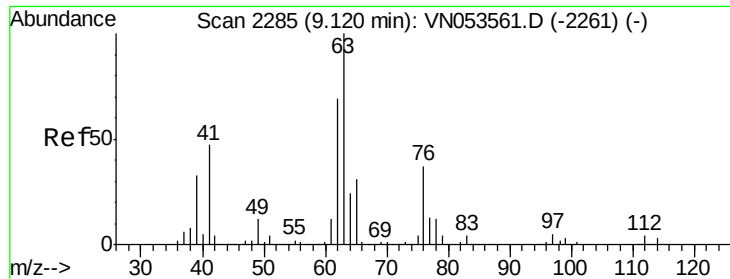
95 94.5 0.0 191.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 19.856 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN053663.D

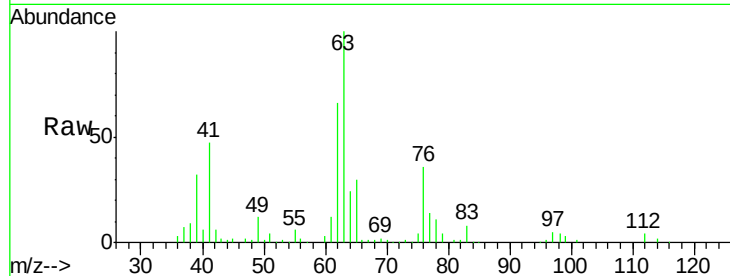
Acq: 7 Feb 2019 18:33

Tot Ion: 63 Resp: 142444

Ion Ratio Lower Upper

63 100

65 29.5 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

80000

60000

40000

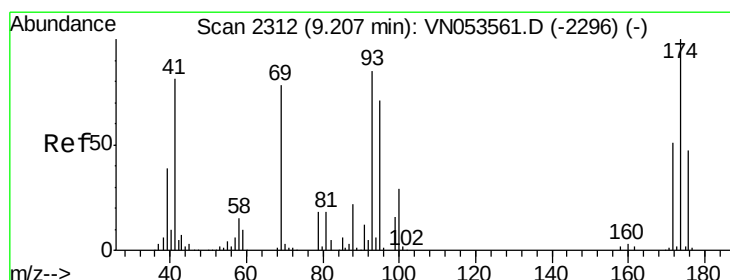
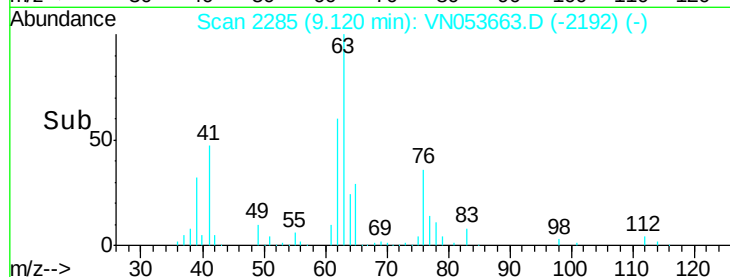
20000

0

9.12

9.00 9.05 9.10 9.15 9.20

Time-->



#46

Dibromomethane

Concen: 19.600 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN053663.D

Acq: 7 Feb 2019 18:33

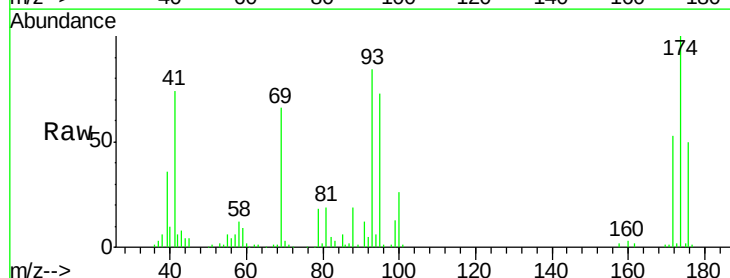
Tgt Ion: 93 Resp: 84760

Ion Ratio Lower Upper

93 100

95 85.1 67.3 100.9

174 118.4 91.0 136.4



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

60000

40000

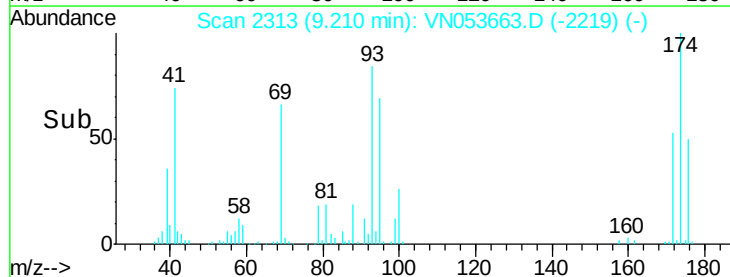
20000

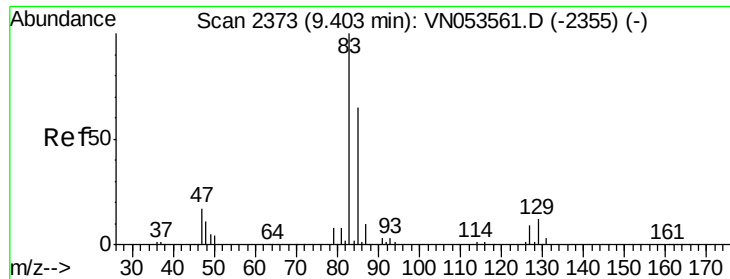
0

9.21

9.10 9.15 9.20 9.25 9.30

Time-->





#47

Bromodichloromethane

Concen: 19.967 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN053663.D

Acq: 7 Feb 2019 18:33

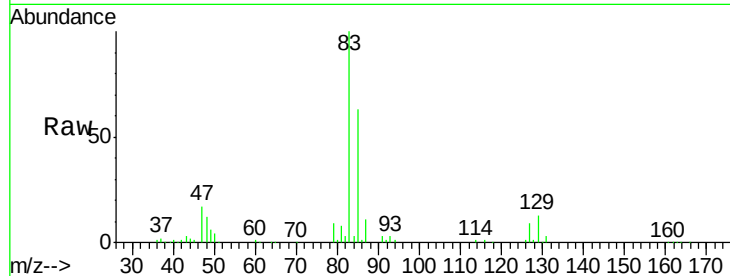
Tot Ion: 83 Resp: 179530

Ion Ratio Lower Upper

83 100

85 63.2 51.0 76.6

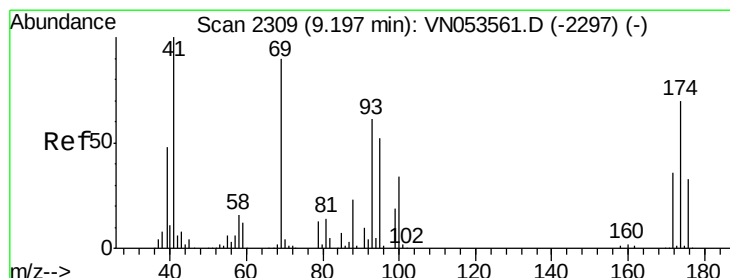
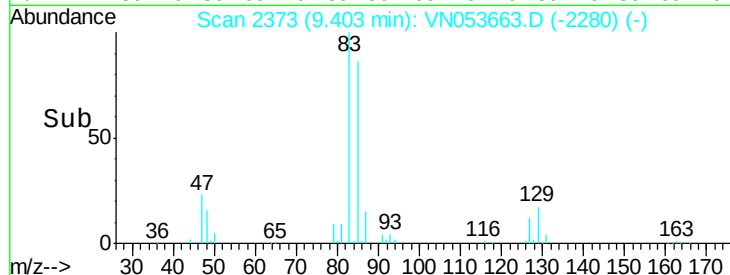
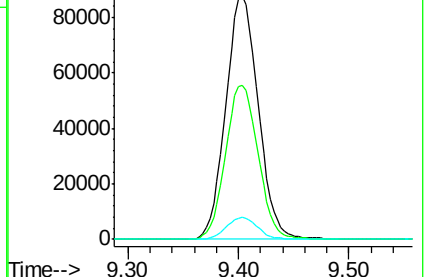
127 9.0 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VN053663.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN053663.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN053663.D (-2280) (-)



#48

Methyl methacrylate

Concen: 20.603 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN053663.D

Acq: 7 Feb 2019 18:33

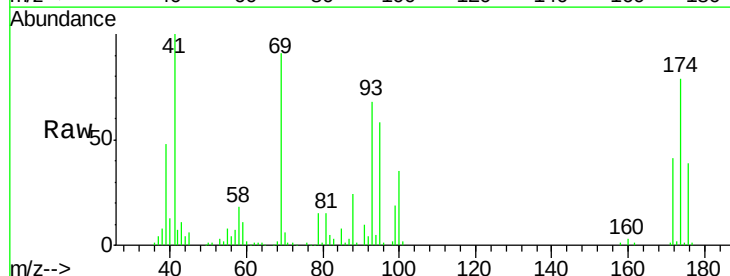
Tgt Ion: 41 Resp: 96480

Ion Ratio Lower Upper

41 100

69 89.9 73.8 110.6

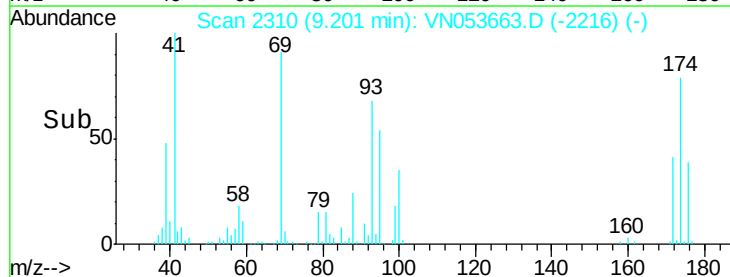
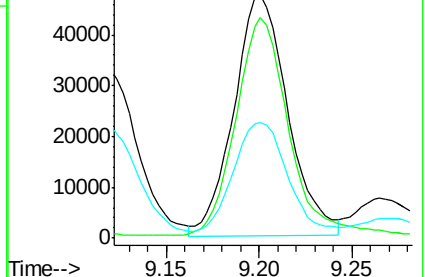
39 50.1 40.0 60.0

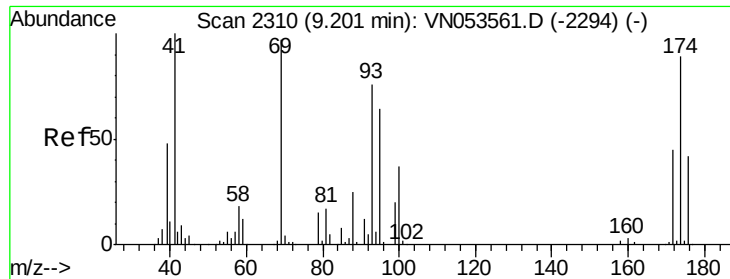


Abundance Ion 41.00 (40.70 to 41.70): VN053663.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN053663.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN053663.D (-2216) (-)





#49

1,4-Dioxane

Concen: 420.471 ug/l

RT: 9.20 min Scan# 2310

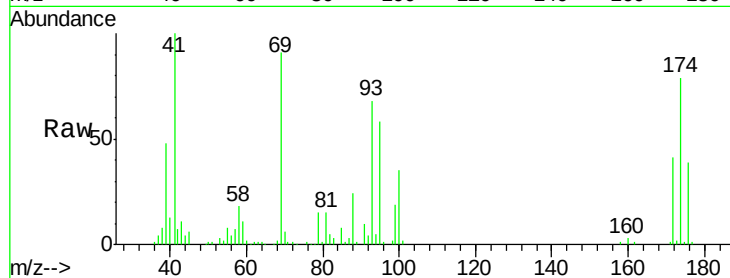
Delta R.T. 0.00 min

Lab File: VN053663.D

Acq: 7 Feb 2019 18:33

Tot Ion: 88 Resp: 26930

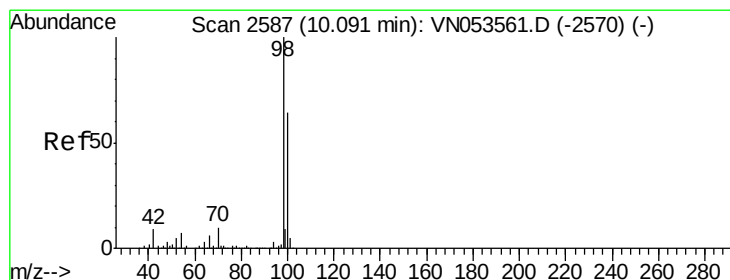
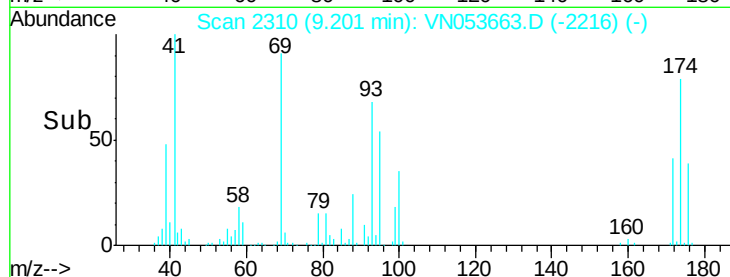
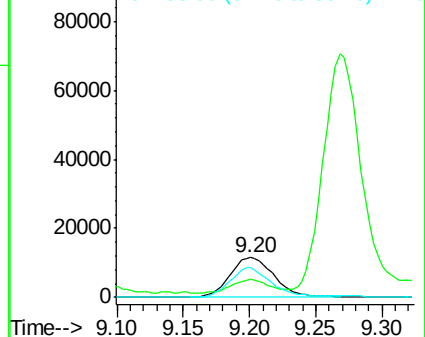
Ion	Ratio	Lower	Upper
88	100		
43	27.7	27.8	41.6#
58	68.6	56.5	84.7



Abundance Ion 88.00 (87.70 to 88.70): VN053561.D (-2294) (-)

Ion 43.00 (42.70 to 43.70): VN053561.D (-2294) (-)

Ion 58.00 (57.70 to 58.70): VN053561.D (-2294) (-)



#50

Toluene-d8

Concen: 420.471 ug/l

RT: 10.09 min Scan# 2587

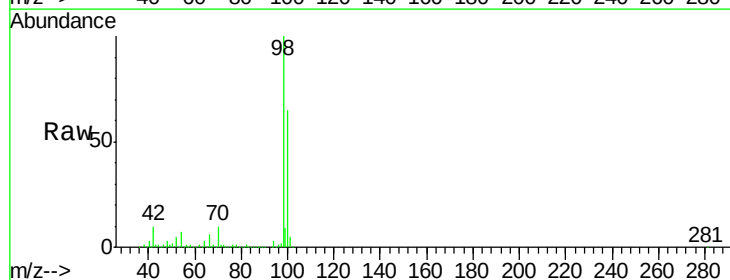
Delta R.T. 0.00 min

Lab File: VN053663.D

Acq: 7 Feb 2019 18:33

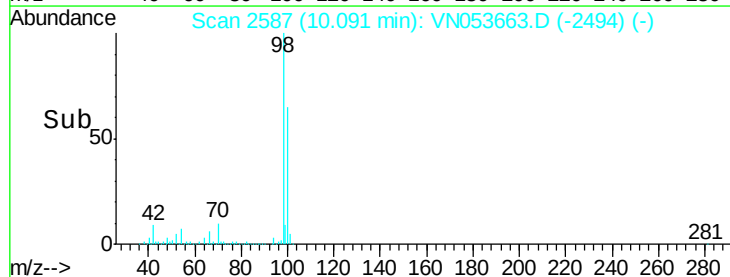
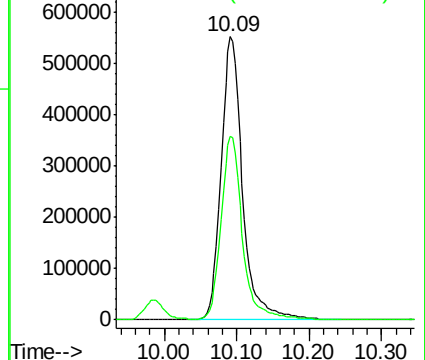
Tgt Ion: 98 Resp: 1128250

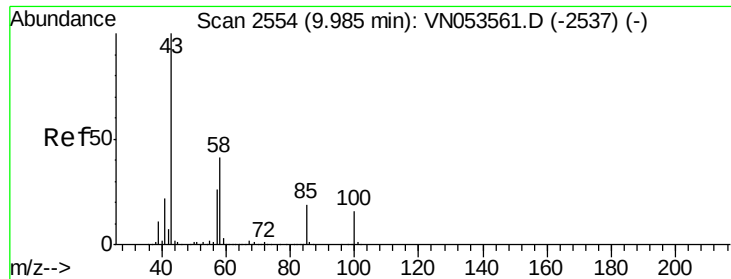
Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.4	77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053561.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN053561.D (-2570) (-)





#51

4-Methyl-2-Pentanone

Concen: 101.611 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN053663.D

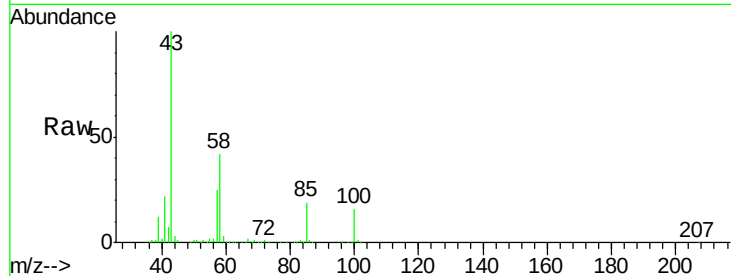
Acq: 7 Feb 2019 18:33

Tot Ion: 43 Resp: 489829

Ion Ratio Lower Upper

43 100

58 41.5 32.8 49.2



Abundance Ion 43.00 (42.70 to 43.70): VN053561.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN053561.D (-2537) (-)

9.99

250000

200000

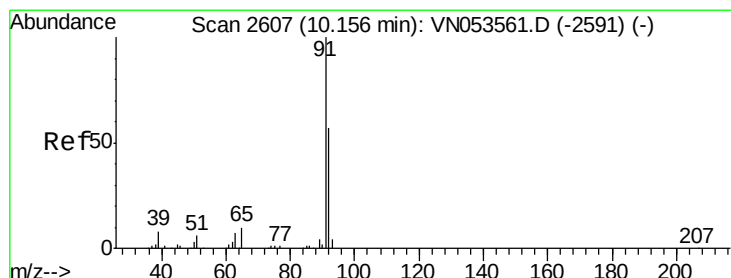
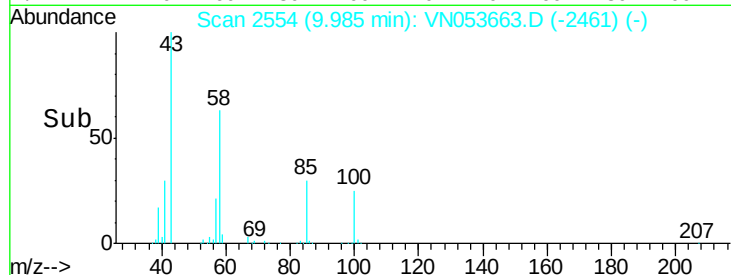
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.767 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053663.D

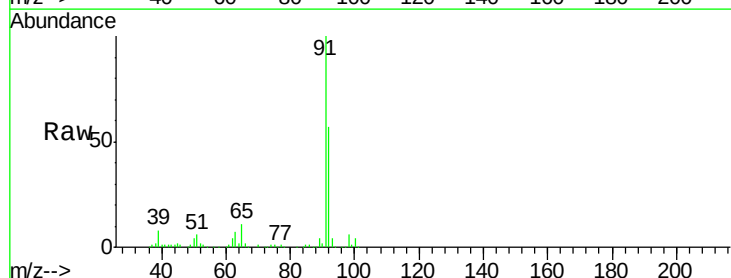
Acq: 7 Feb 2019 18:33

Tgt Ion: 92 Resp: 329038

Ion Ratio Lower Upper

92 100

91 172.8 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN053561.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN053561.D (-2591) (-)

10.16

300000

250000

200000

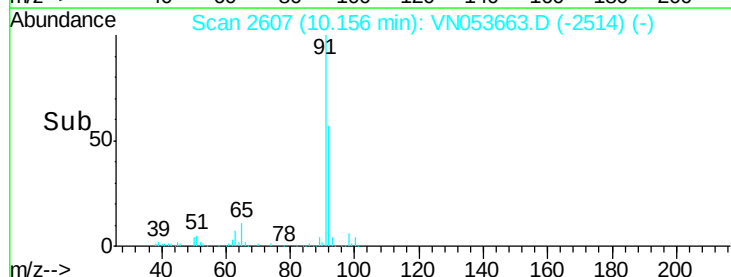
150000

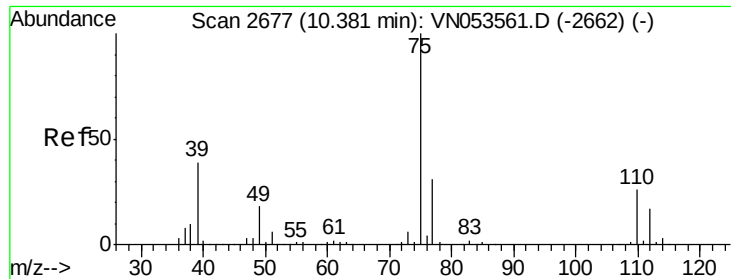
100000

50000

0

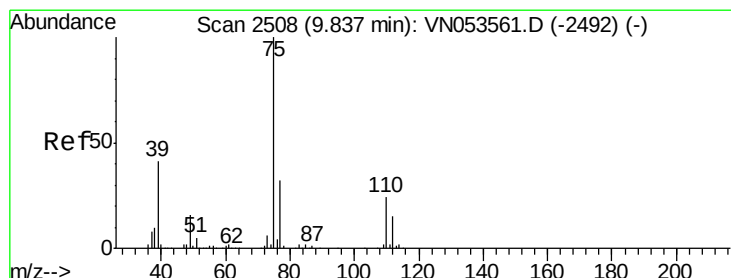
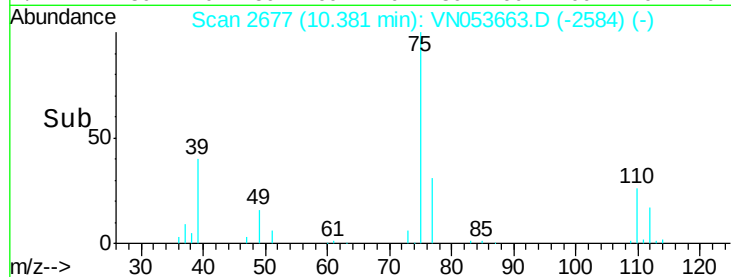
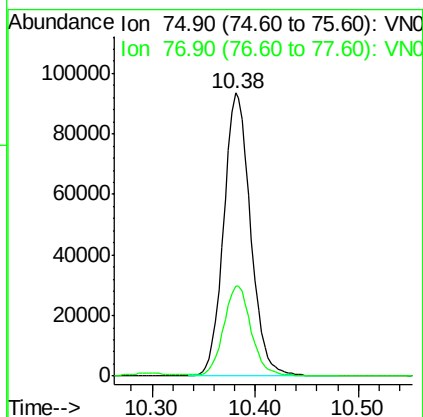
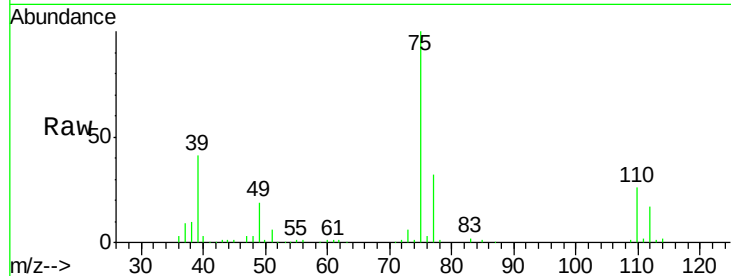
Time-->





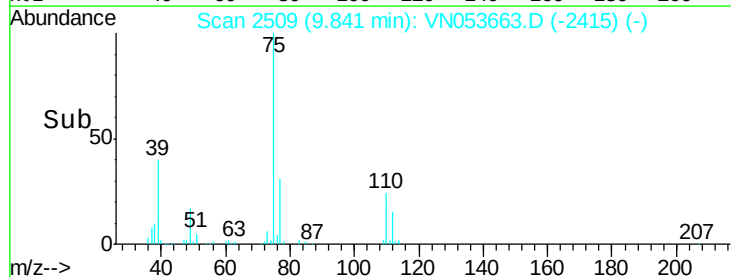
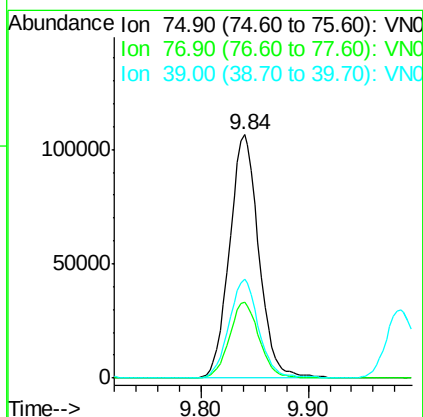
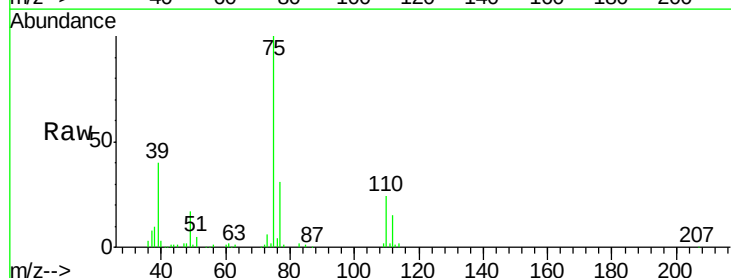
#53
 t-1,3-Dichloropropene
 Concen: 18.867 ug/l
 RT: 10.38 min Scan# 2677
 Delta R.T. 0.00 min
 Lab File: VN053663.D
 Acq: 7 Feb 2019 18:33

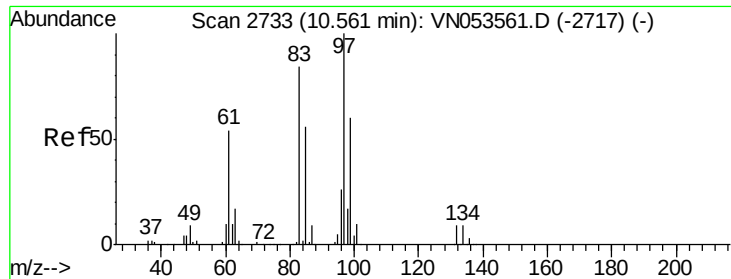
Tot Ion: 75 Resp: 169865
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 18.934 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN053663.D
 Acq: 7 Feb 2019 18:33

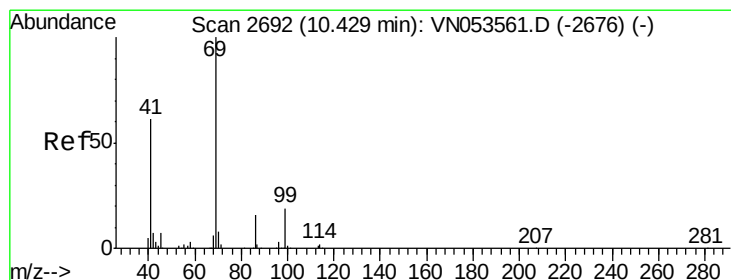
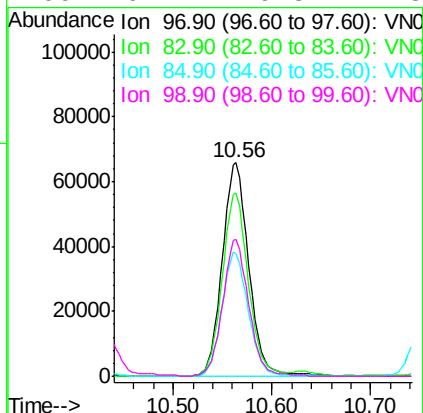
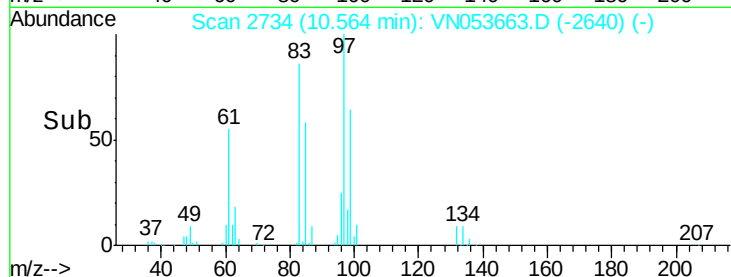
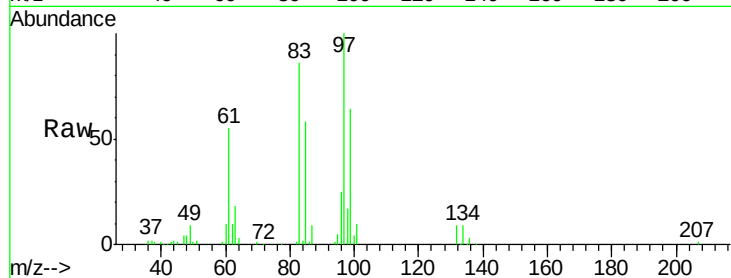
Tgt Ion: 75 Resp: 202011
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.8 38.6
 39 40.3 33.4 50.0





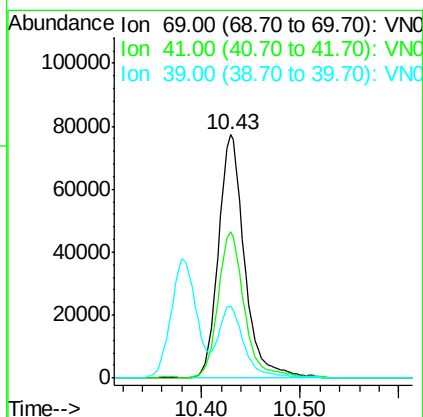
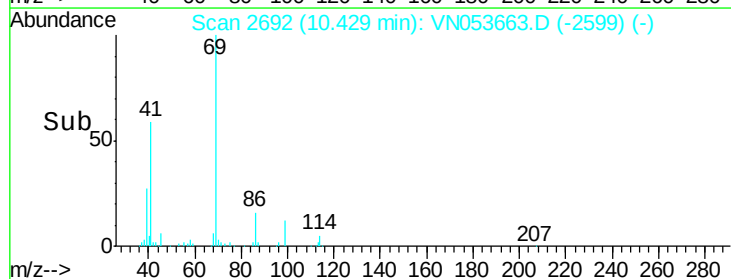
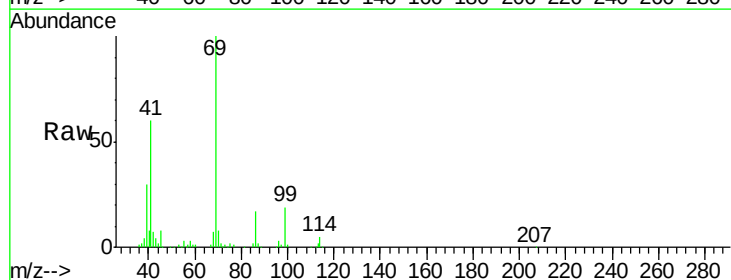
#55
 1,1,2-Trichloroethane
 Concen: 20.719 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN053663.D
 Acq: 7 Feb 2019 18:33

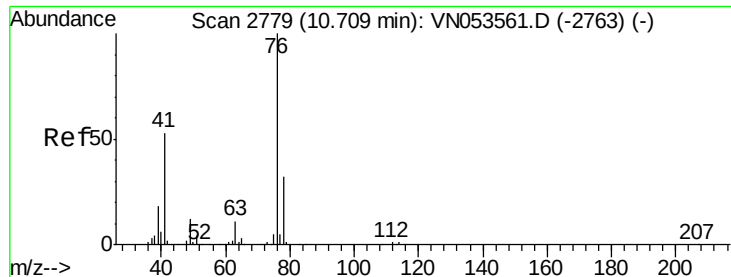
Tot Ion	Ratio	Lower	Upper
97	100		
83	85.5	70.1	105.1
85	57.6	45.4	68.0
99	64.1	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 20.230 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN053663.D
 Acq: 7 Feb 2019 18:33

Tgt Ion	Ratio	Lower	Upper
69	100		
41	59.3	49.4	74.0
39	28.5	23.3	34.9





#57

1,3-Dichloropropane

Concen: 19.808 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN053663.D

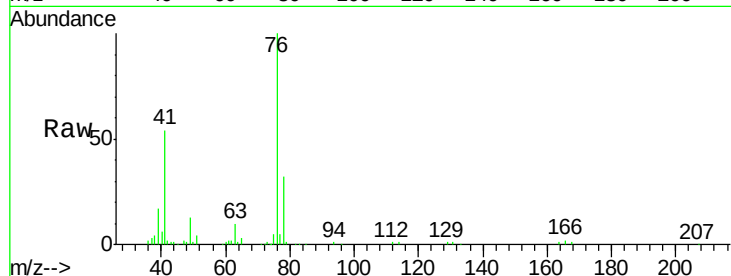
Acq: 7 Feb 2019 18:33

Tot Ion: 76 Resp: 203061

Ion Ratio Lower Upper

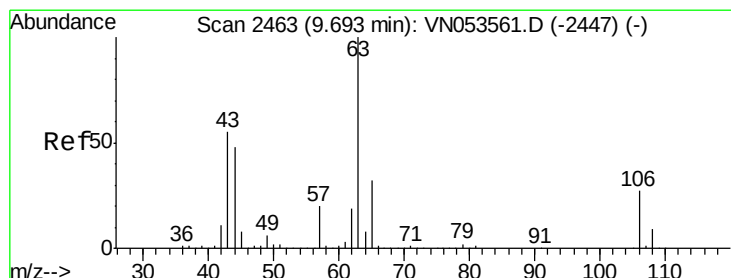
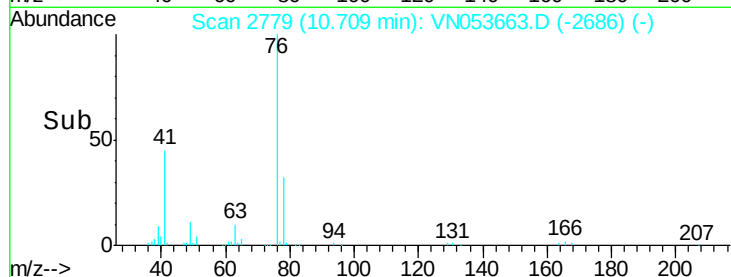
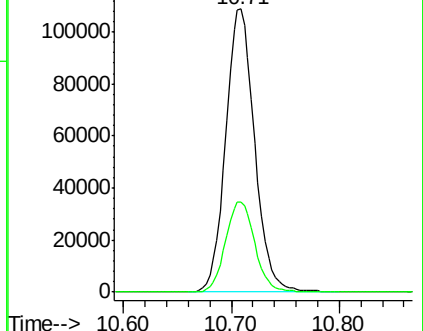
76 100

78 32.6 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 87.058 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN053663.D

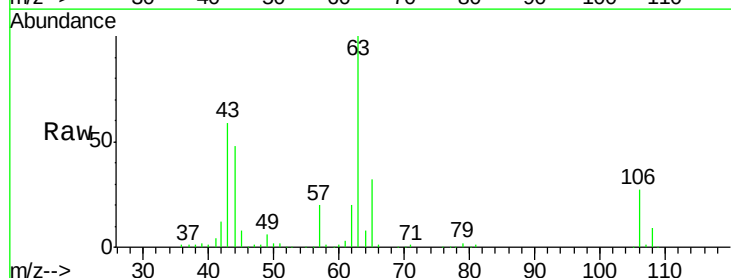
Acq: 7 Feb 2019 18:33

Tgt Ion: 63 Resp: 359384

Ion Ratio Lower Upper

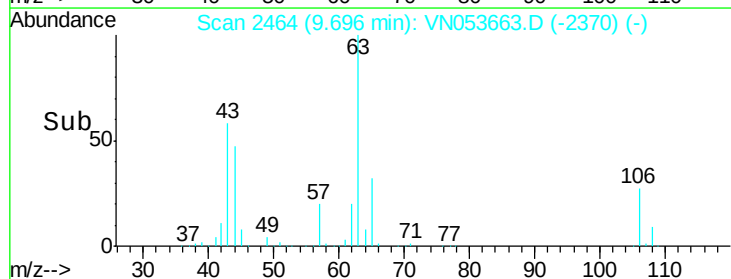
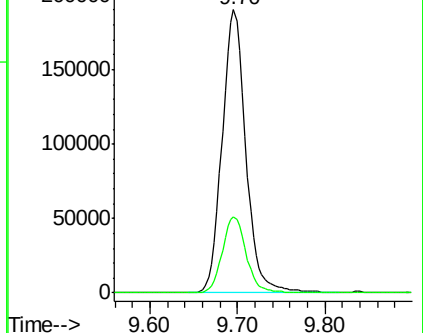
63 100

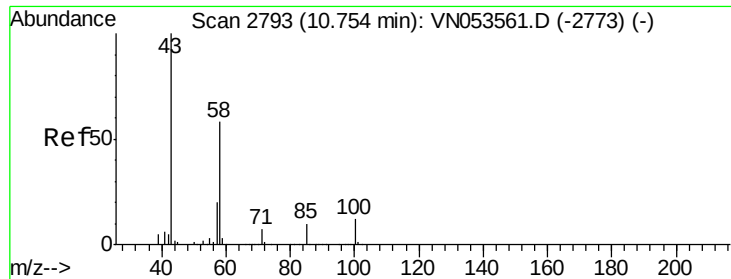
106 27.1 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

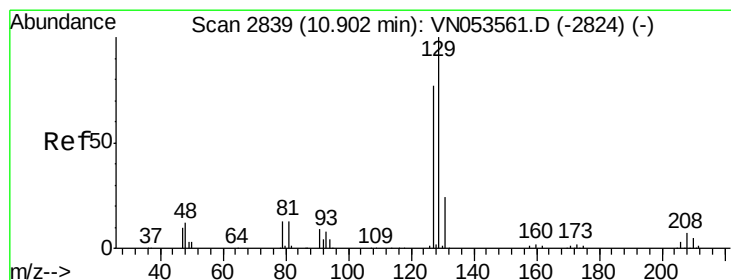
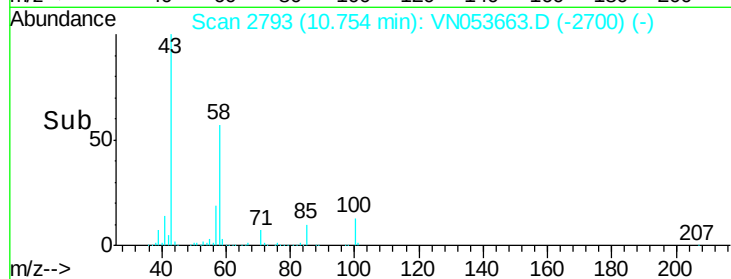
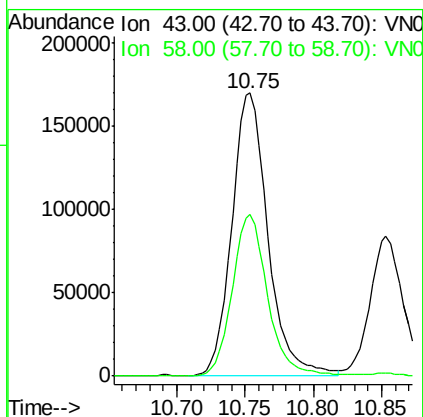
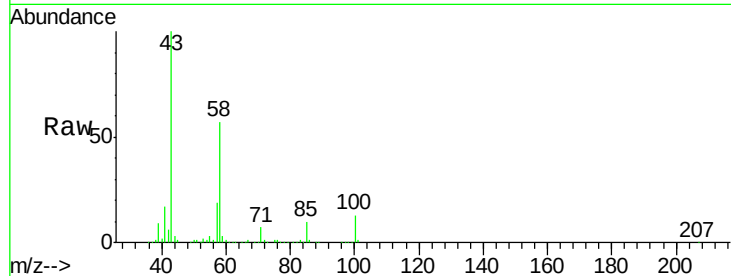
Ion 105.90 (105.60 to 106.60): V





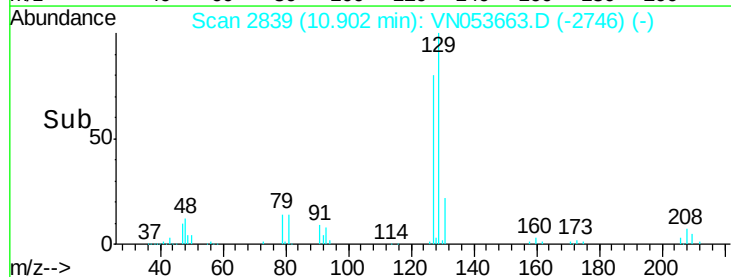
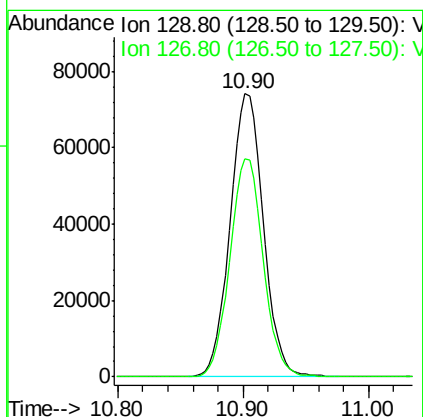
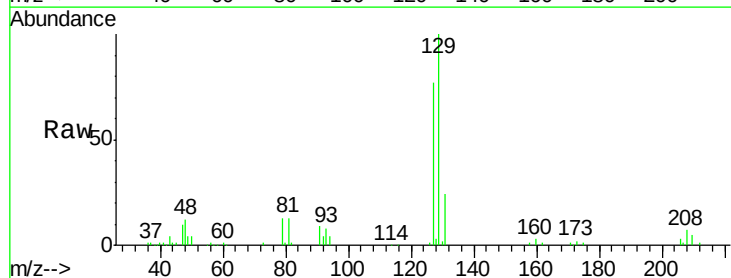
#59
2-Hexanone
Concen: 94.402 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN053663.D
Acq: 7 Feb 2019 18:33

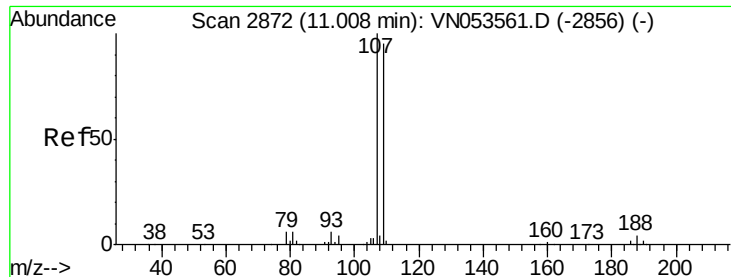
Tot Ion: 43 Resp: 308938
Ion Ratio Lower Upper
43 100
58 56.8 28.6 85.8



#60
Dibromochloromethane
Concen: 20.221 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN053663.D
Acq: 7 Feb 2019 18:33

Tgt Ion: 129 Resp: 136778
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.408 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN053663.D

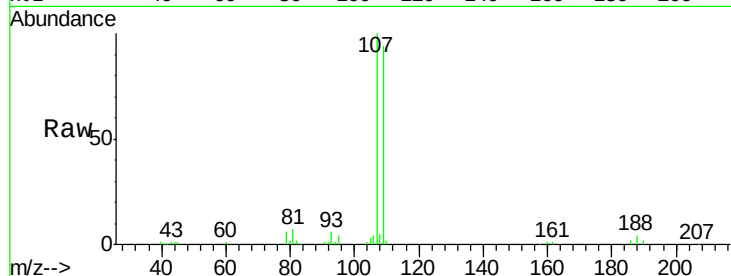
Acq: 7 Feb 2019 18:33

Tot Ion: 107 Resp: 115223

Ion Ratio Lower Upper

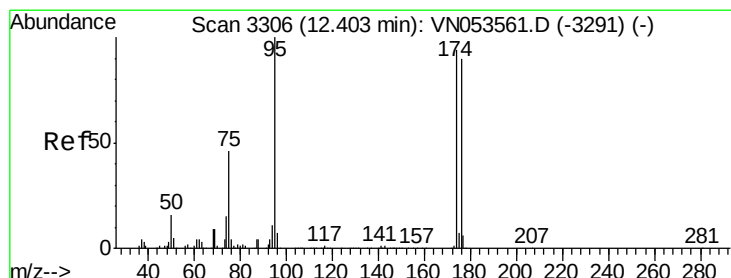
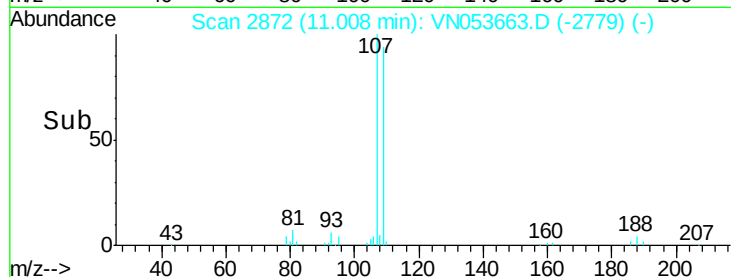
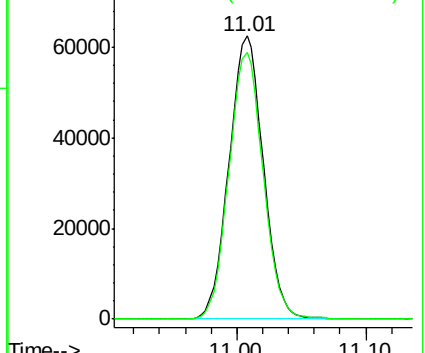
107 100

109 94.3 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 19.408 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053663.D

Acq: 7 Feb 2019 18:33

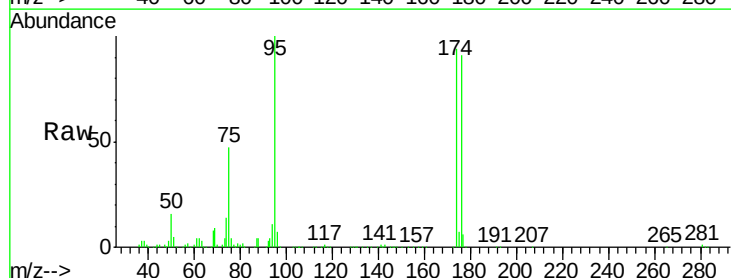
Tgt Ion: 95 Resp: 371639

Ion Ratio Lower Upper

95 100

174 93.9 0.0 183.2

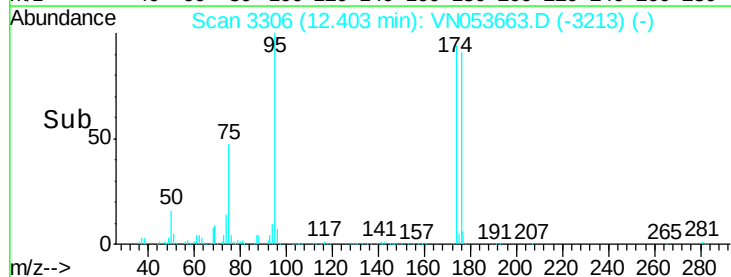
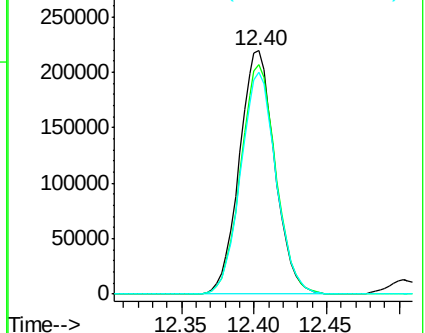
176 91.2 0.0 177.4

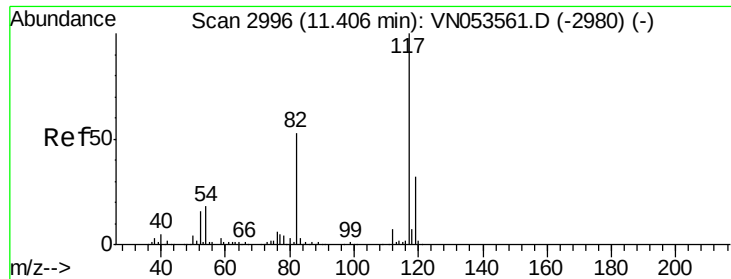


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

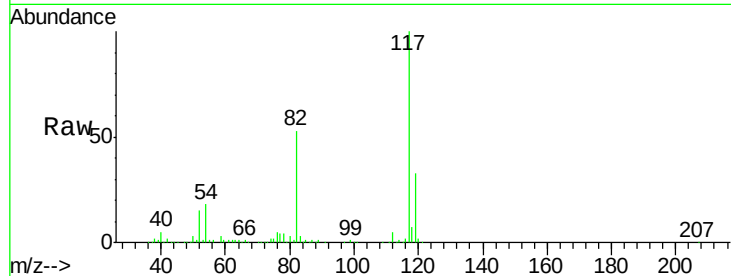
Ion 175.80 (175.50 to 176.50): V





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053663.D
Acq: 7 Feb 2019 18:33

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	42.9	64.3
119	32.6	26.0	39.0

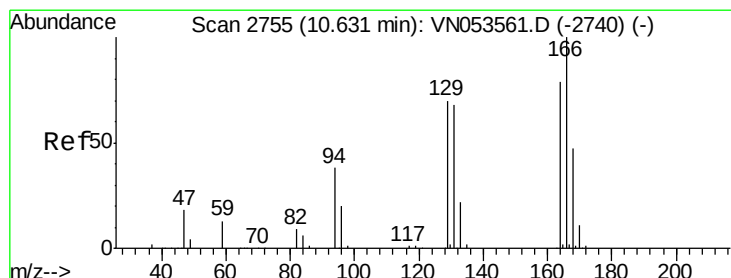
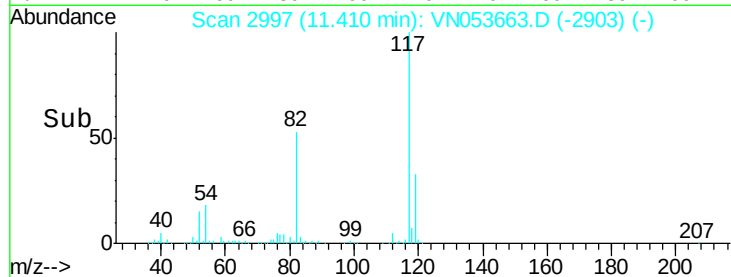
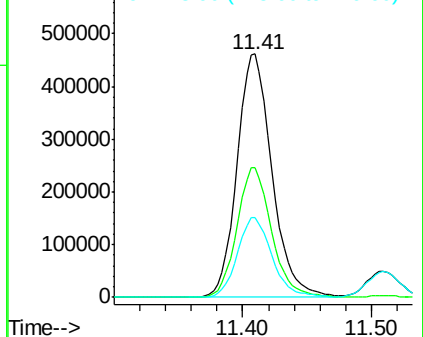


Abundance

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: 18.861 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN053663.D
Acq: 7 Feb 2019 18:33

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.2	102.2	153.4
129	87.7	72.6	109.0
131	84.4	69.5	104.3

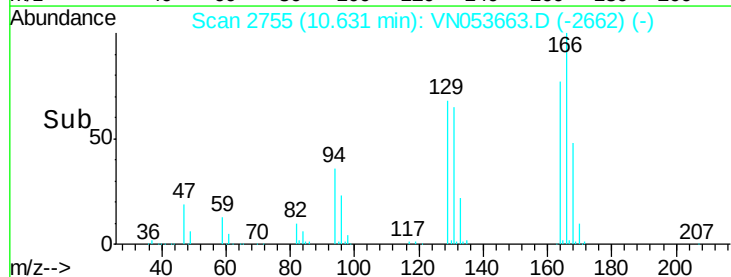
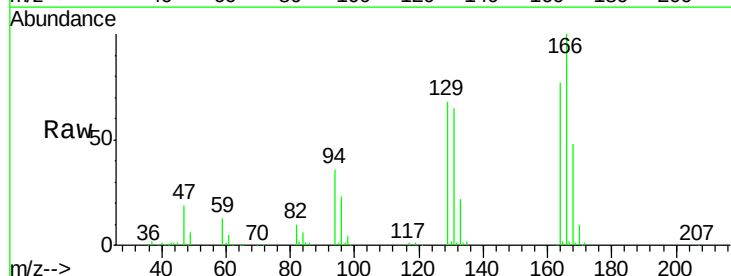
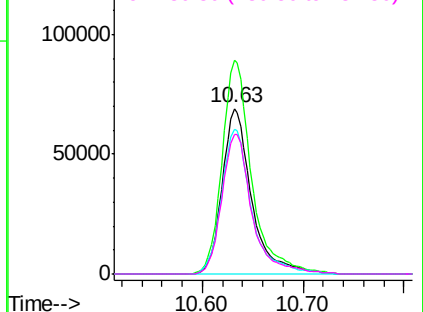
Abundance

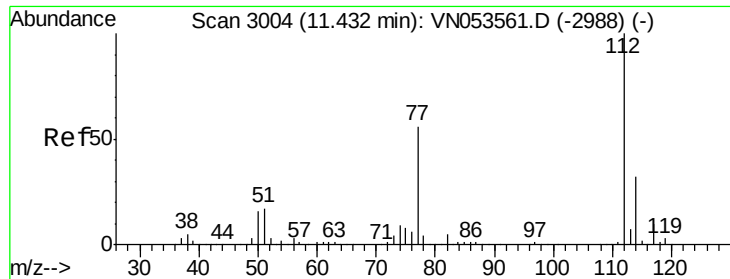
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

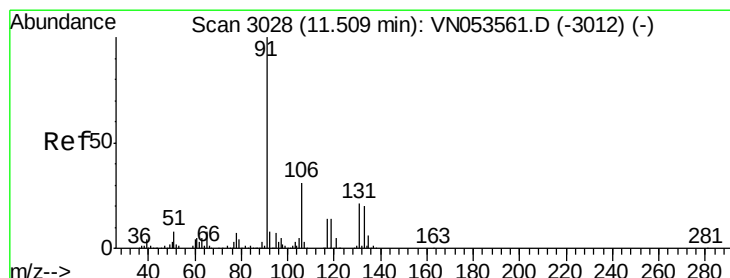
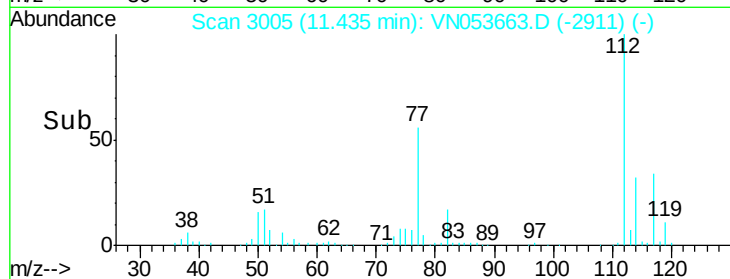
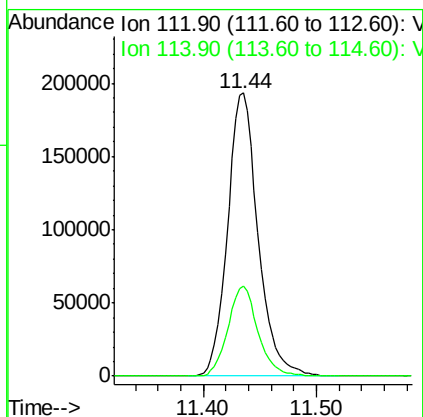
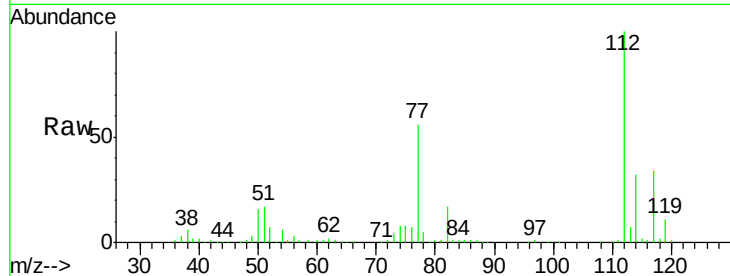
Ion 130.80 (130.50 to 131.50): V





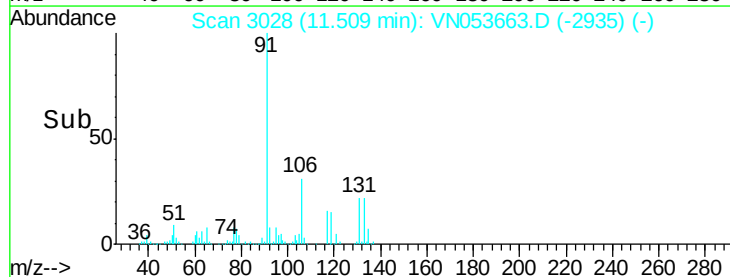
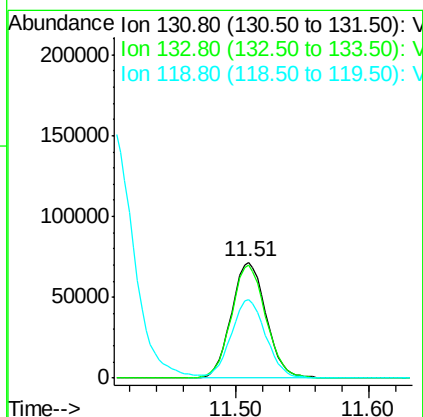
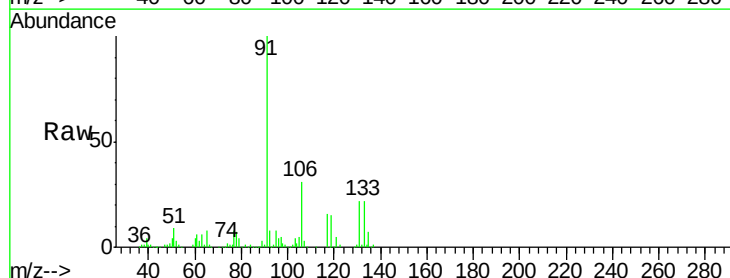
#65
Chlorobenzene
Concen: 19.560 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN053663.D
Acq: 7 Feb 2019 18:33

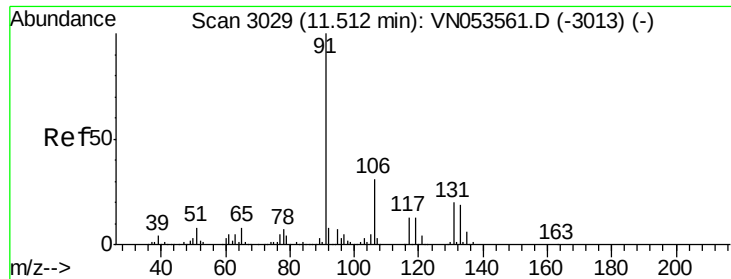
Tot Ion:112 Resp: 361622
Ion Ratio Lower Upper
112 100
114 31.7 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.265 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN053663.D
Acq: 7 Feb 2019 18:33

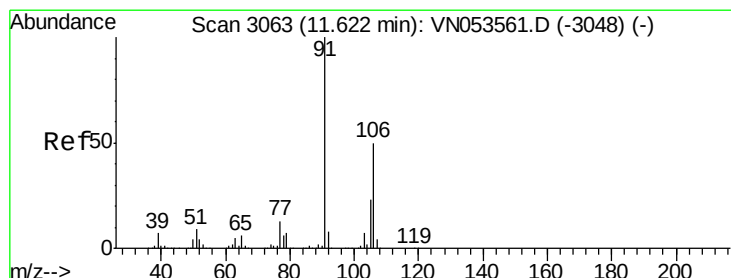
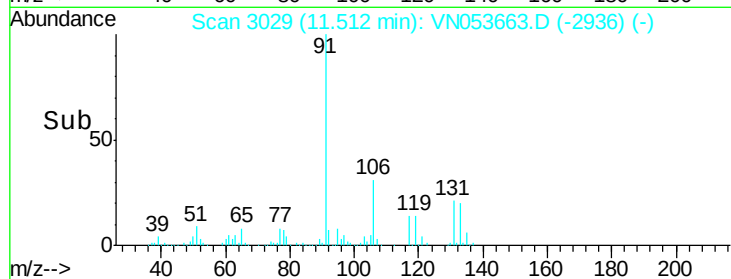
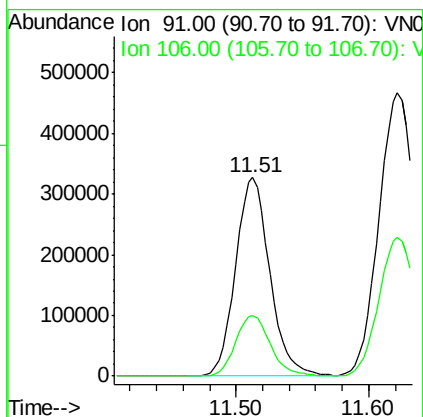
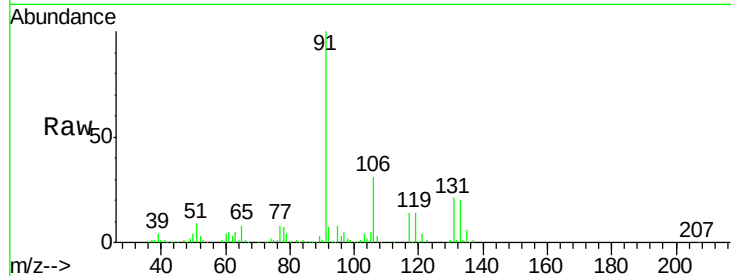
Tgt Ion:131 Resp: 130843
Ion Ratio Lower Upper
131 100
133 97.0 48.0 144.0
119 67.5 33.5 100.5





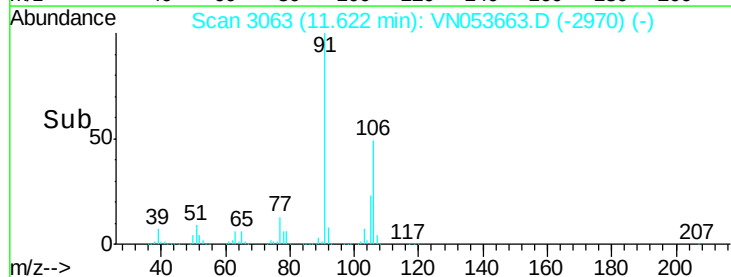
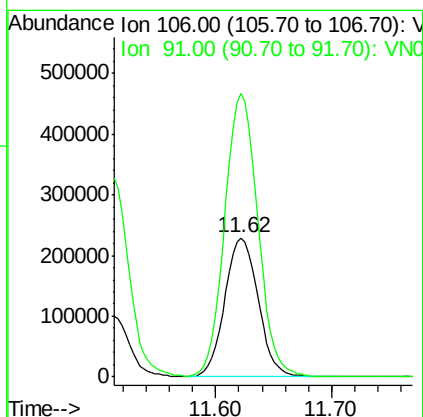
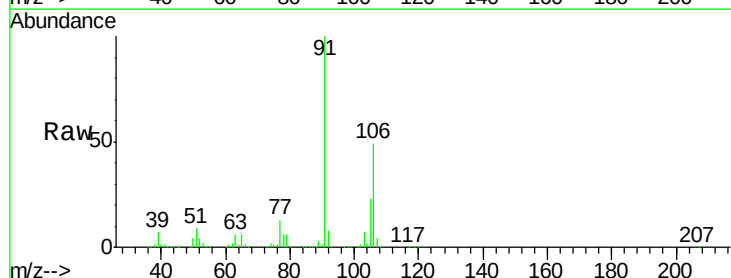
#67
Ethyl Benzene
Concen: 19.356 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053663.D
Acq: 7 Feb 2019 18:33

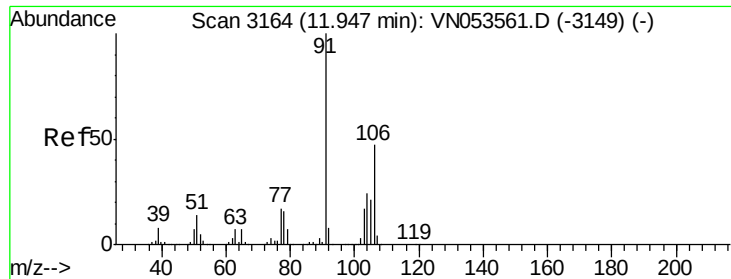
Tot Ion: 91 Resp: 587832
Ion Ratio Lower Upper
91 100
106 30.7 25.0 37.6



#68
m/p-Xylenes
Concen: 39.598 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053663.D
Acq: 7 Feb 2019 18:33

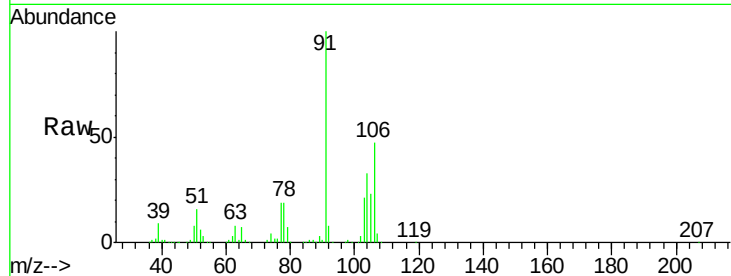
Tgt Ion: 106 Resp: 458970
Ion Ratio Lower Upper
106 100
91 202.2 161.4 242.2



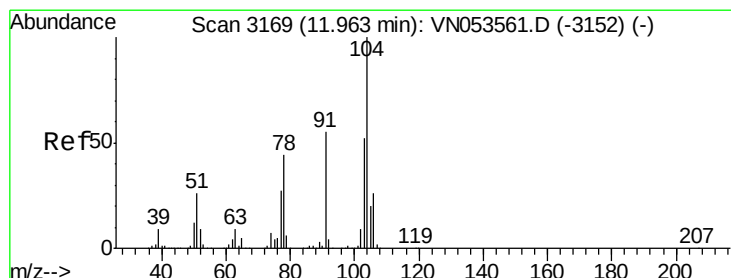
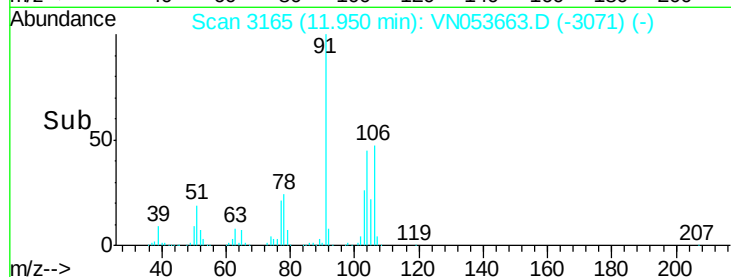
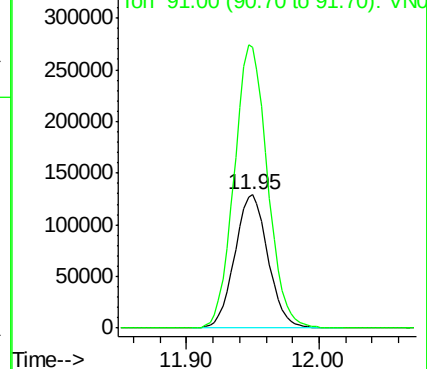


#69
o-Xylene
Concen: 20.040 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN053663.D
Acq: 7 Feb 2019 18:33

Tot Ion:106 Resp: 224409
Ion Ratio Lower Upper
106 100
91 212.5 106.9 320.8

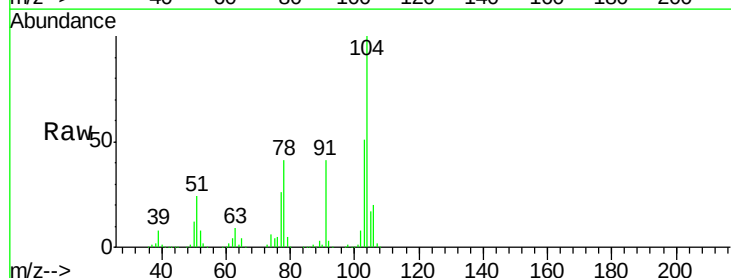


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

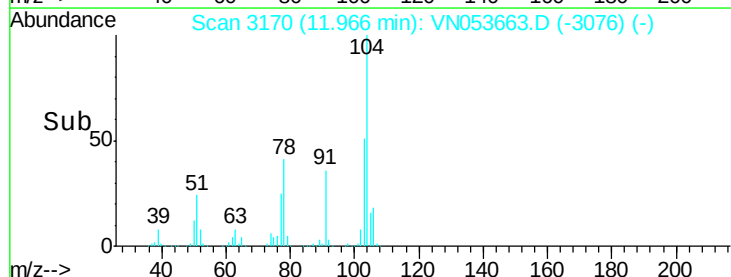
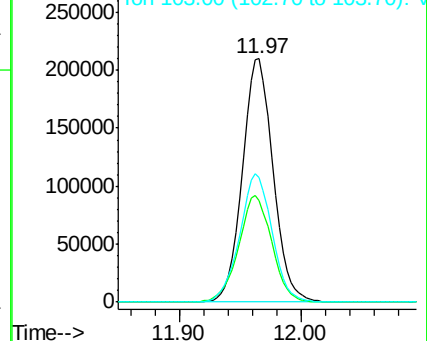


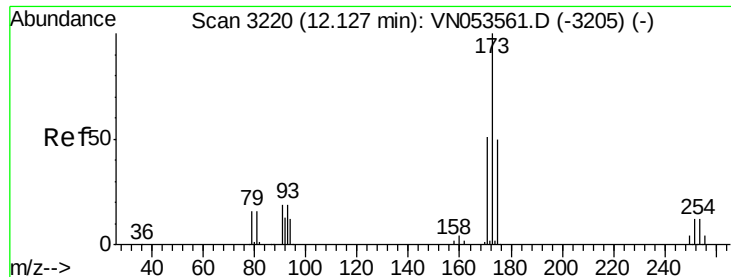
#70
Styrene
Concen: 20.098 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN053663.D
Acq: 7 Feb 2019 18:33

Tgt Ion:104 Resp: 364768
Ion Ratio Lower Upper
104 100
78 47.5 38.2 57.2
103 55.7 44.4 66.6



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





#71

Bromoform

Concen: 20.981 ug/l

RT: 12.13 min Scan# 3220

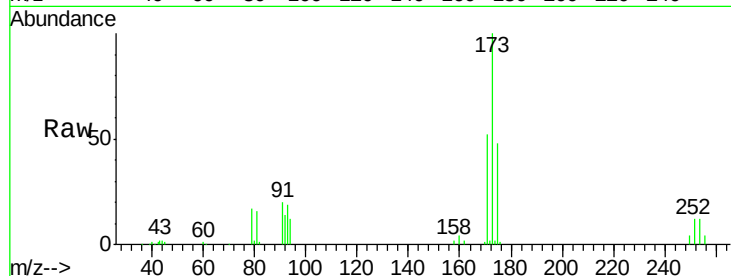
Delta R.T. 0.00 min

Lab File: VN053663.D

Acq: 7 Feb 2019 18:33

Tot Ion:173 Resp: 92873

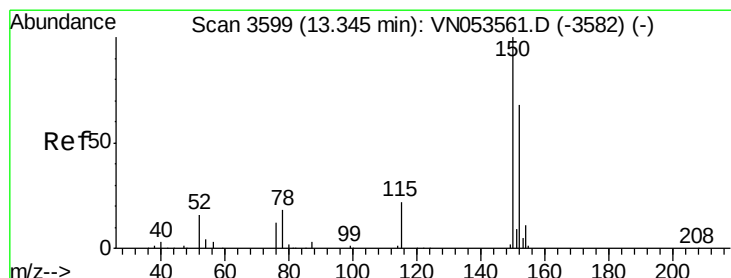
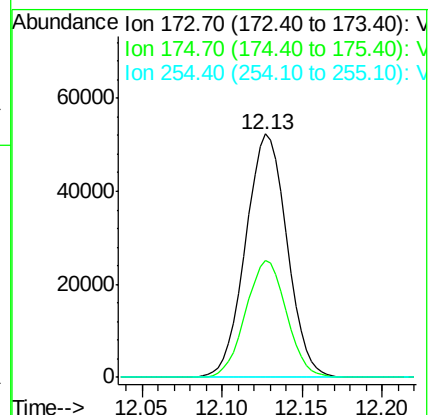
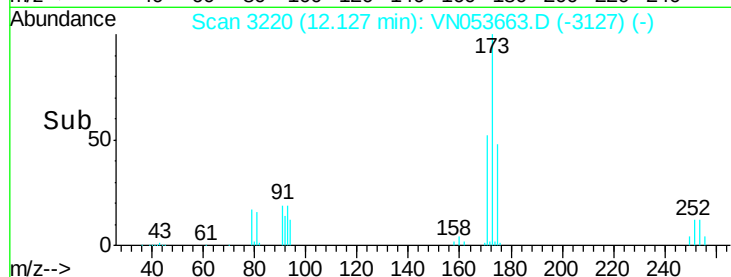
Ion	Ratio	Lower	Upper
173	100		
175	47.3	24.6	74.0
254	0.0	0.2	0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

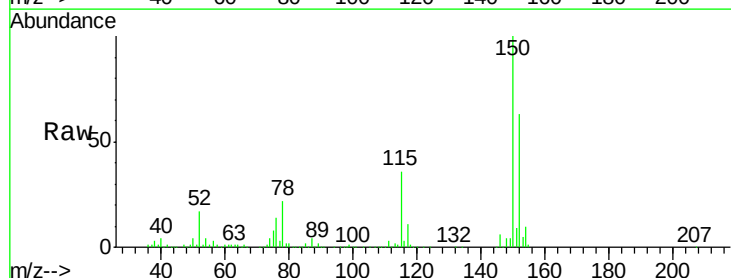
Delta R.T. -0.00 min

Lab File: VN053663.D

Acq: 7 Feb 2019 18:33

Tgt Ion:152 Resp: 411525

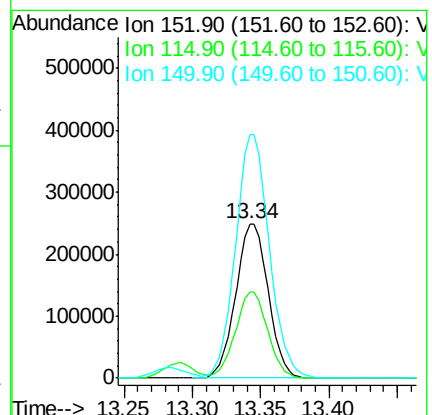
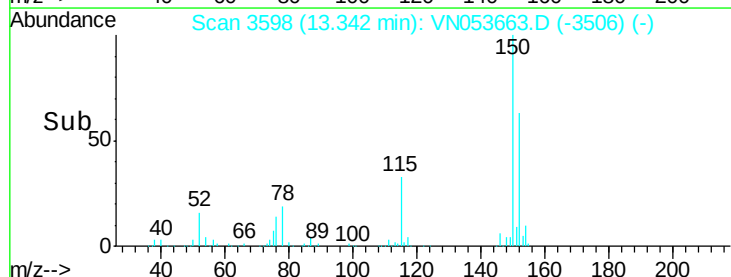
Ion	Ratio	Lower	Upper
152	100		
115	55.5	27.8	83.4
150	164.0	0.0	349.0

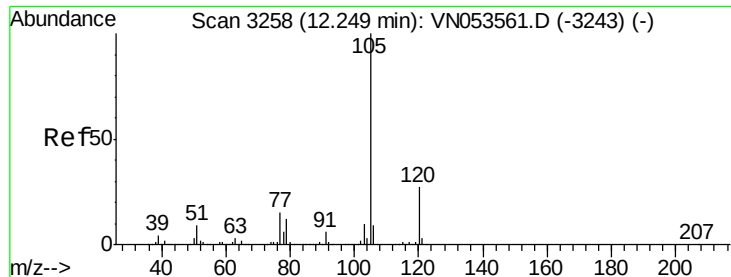


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.156 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053663.D

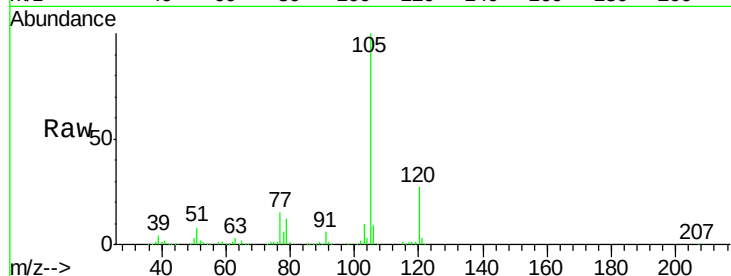
Acq: 7 Feb 2019 18:33

Tot Ion:105 Resp: 583100

Ion Ratio Lower Upper

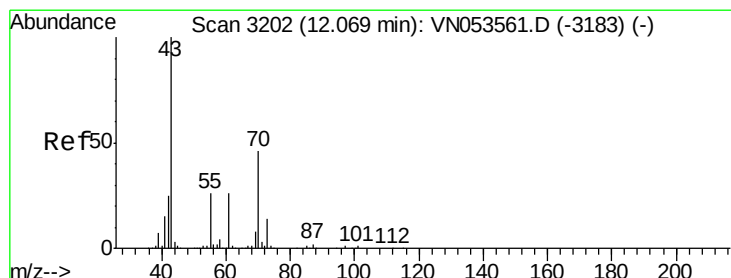
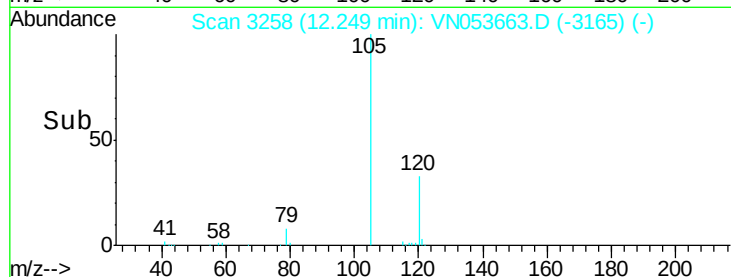
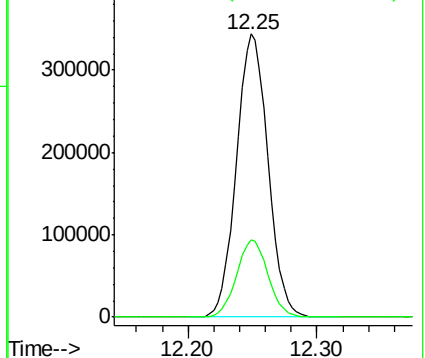
105 100

120 27.0 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.066 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN053663.D

Acq: 7 Feb 2019 18:33

Tgt Ion: 43 Resp: 146545

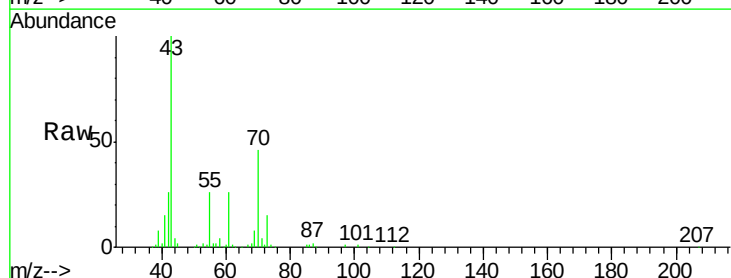
Ion Ratio Lower Upper

43 100

70 44.8 35.4 53.2

55 26.9 20.9 31.3

61 26.0 20.5 30.7

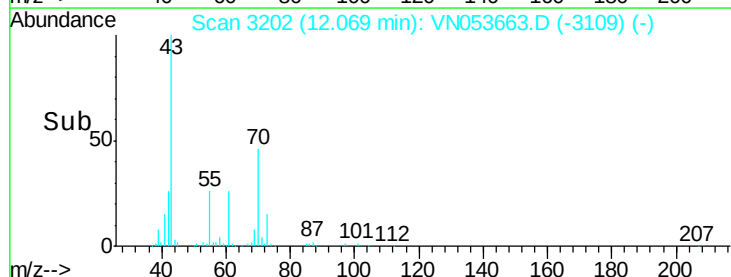
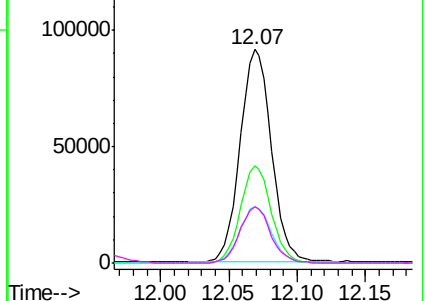


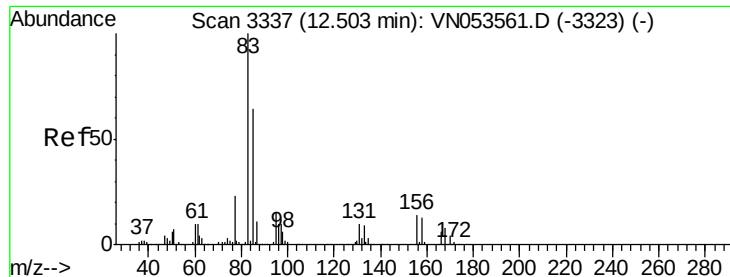
Abundance Ion 43.00 (42.70 to 43.70): V

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: 20.345 ug/l

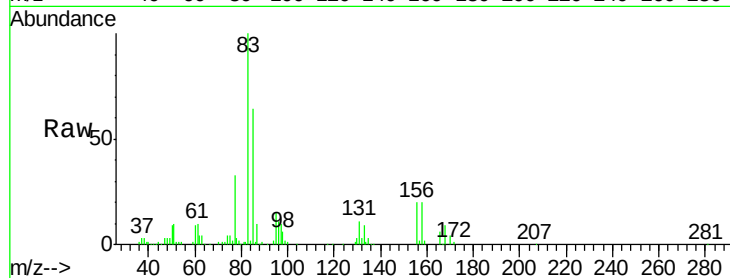
RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

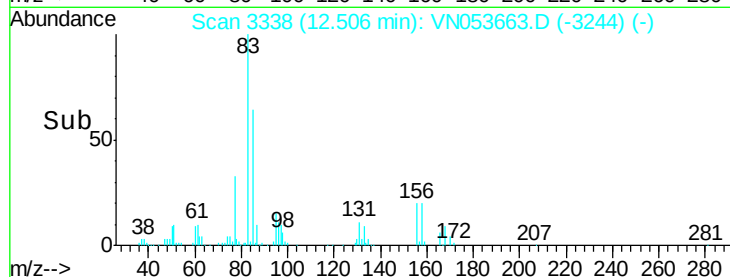
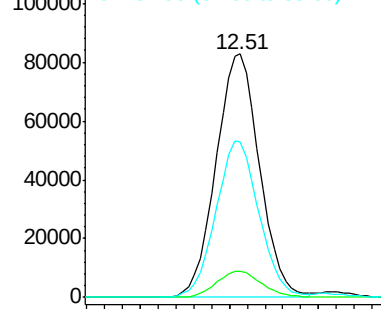
Lab File: VN053663.D

Acq: 7 Feb 2019 18:33

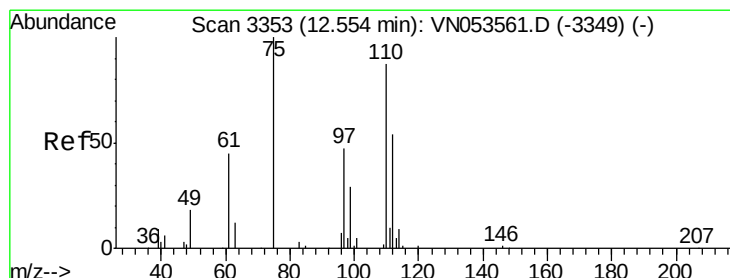
Tot Ion:	83	Resp:	140859
Ion	Ratio	Lower	Upper
83	100		
131	11.1	5.3	15.8
85	63.9	32.1	96.3



Abundance Ion 82.90 (82.60 to 83.60): VN053561.D (-3323) (-)



Time-->



#76

1,2,3-Trichloropropane

Concen: 32.108 ug/l

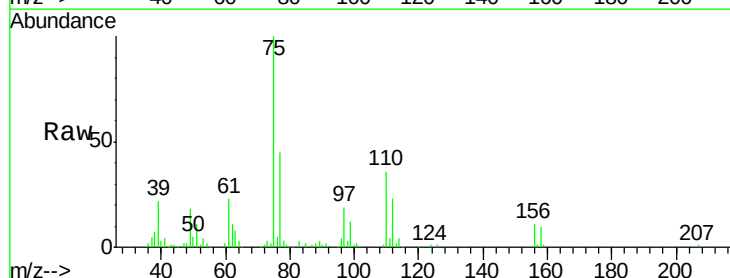
RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

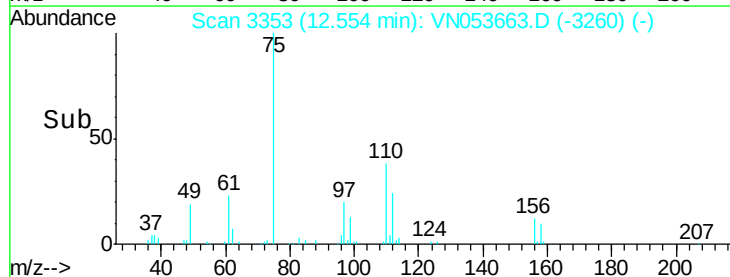
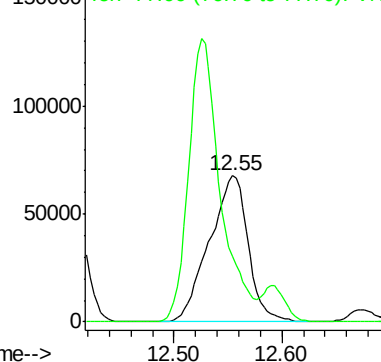
Lab File: VN053663.D

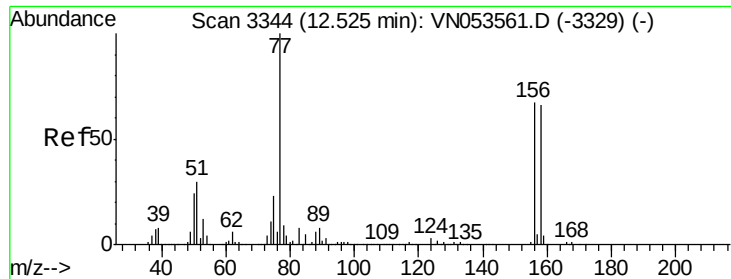
Acq: 7 Feb 2019 18:33

Tgt Ion:	75	Resp:	169717
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN053561.D (-3349) (-)





#77

Bromobenzene

Concen: 20.383 ug/l

RT: 12.53 min Scan# 3344

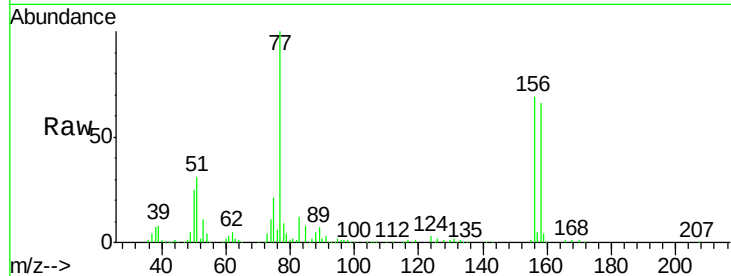
Delta R.T. 0.00 min

Lab File: VN053663.D

Acq: 7 Feb 2019 18:33

Tot Ion:156 Resp: 158923

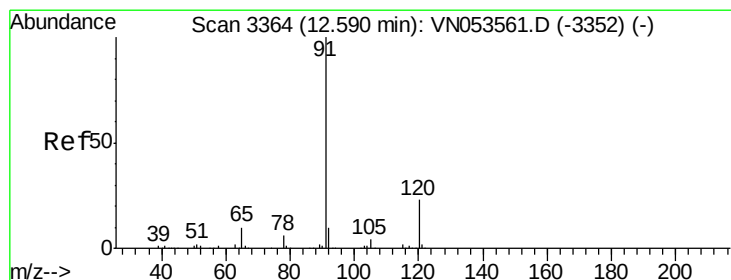
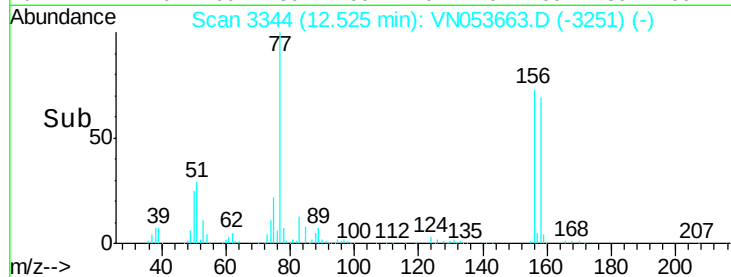
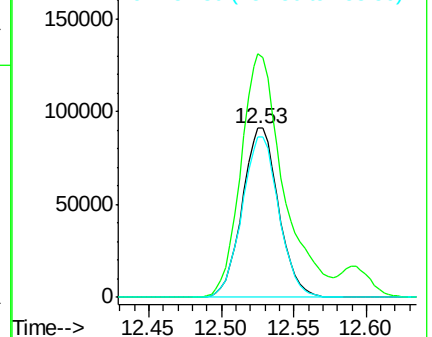
Ion	Ratio	Lower	Upper
156	100		
77	168.7	87.9	263.8
158	95.8	48.8	146.4



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: 19.819 ug/l

RT: 12.59 min Scan# 3365

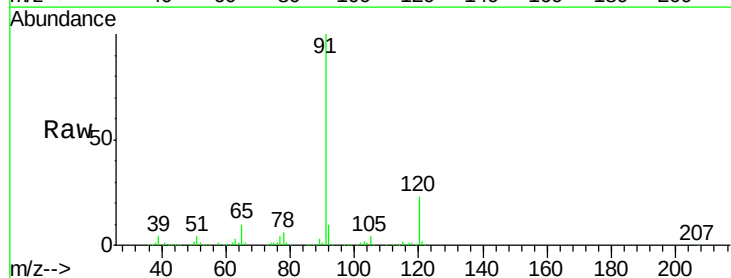
Delta R.T. 0.00 min

Lab File: VN053663.D

Acq: 7 Feb 2019 18:33

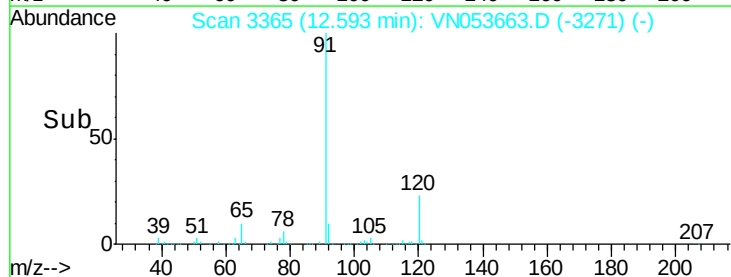
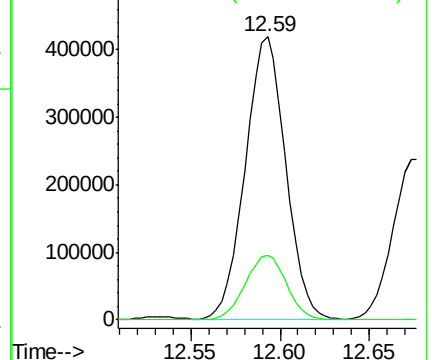
Tgt Ion: 91 Resp: 662811

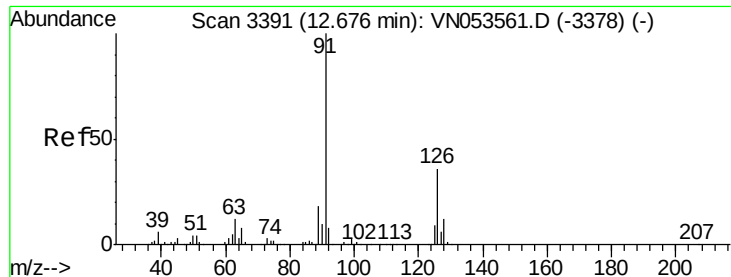
Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.9	35.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.186 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN053663.D

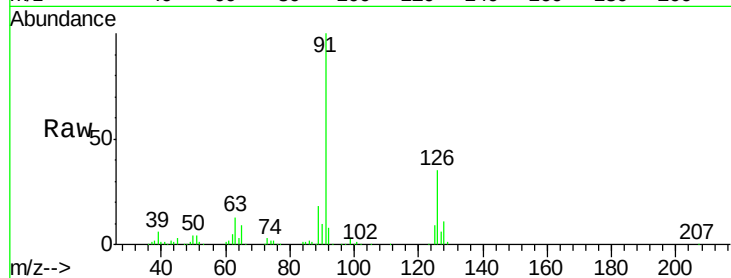
Acq: 7 Feb 2019 18:33

Tot Ion: 91 Resp: 400510

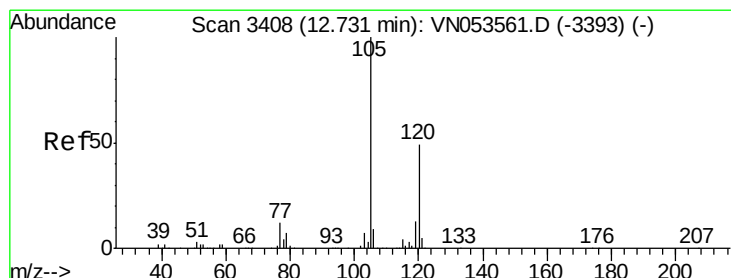
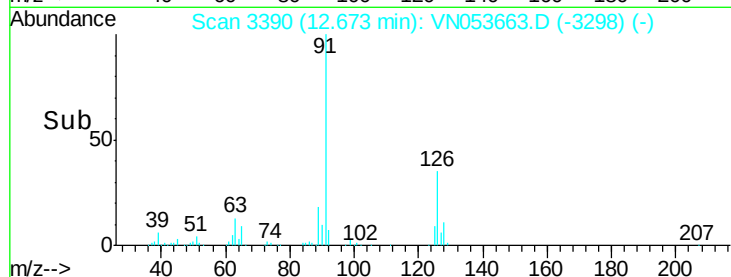
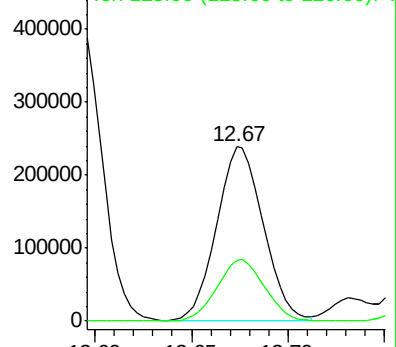
Ion Ratio Lower Upper

91 100

126 36.0 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VN053561.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.663 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053663.D

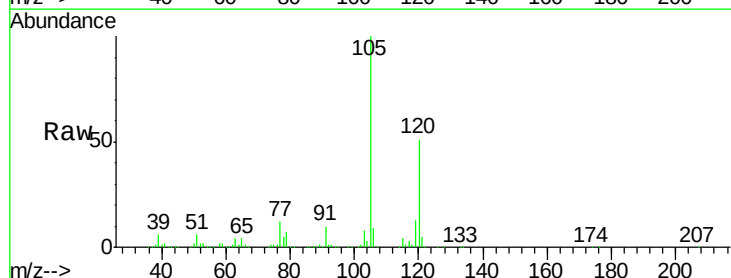
Acq: 7 Feb 2019 18:33

Tgt Ion: 105 Resp: 495691

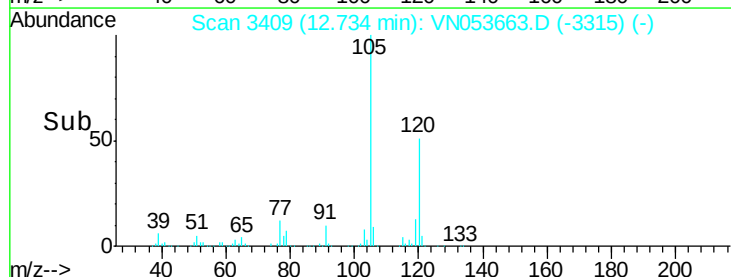
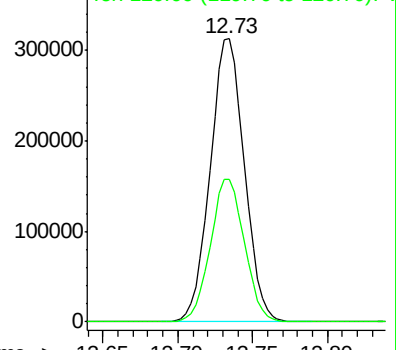
Ion Ratio Lower Upper

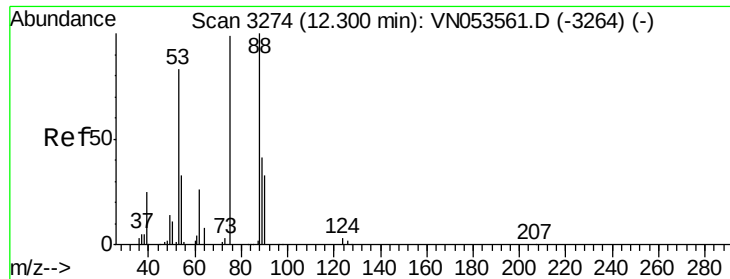
105 100

120 50.4 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VN053561.D (-3393) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.648 ug/l

RT: 12.30 min Scan# 3274

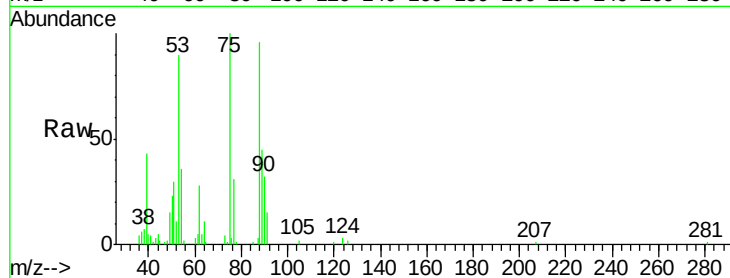
Delta R.T. 0.00 min

Lab File: VN053663.D

Acq: 7 Feb 2019 18:33

Tot Ion: 75 Resp: 35055

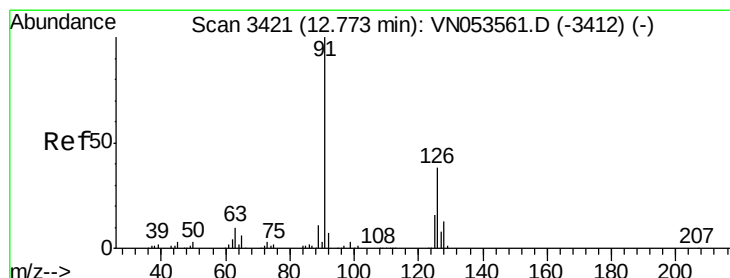
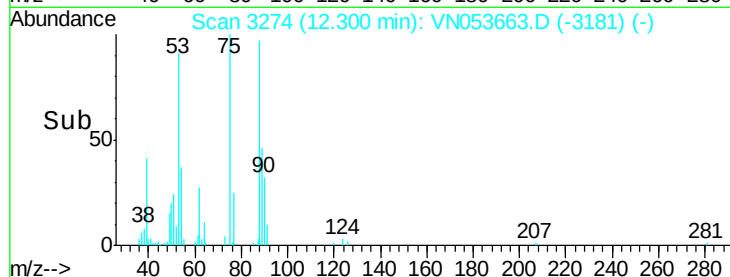
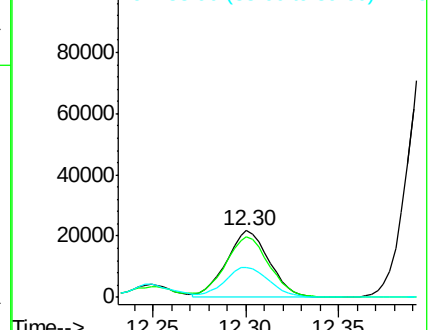
Ion	Ratio	Lower	Upper
75	100		
53	92.3	69.8	104.6
89	46.7	35.6	53.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.695 ug/l

RT: 12.77 min Scan# 3421

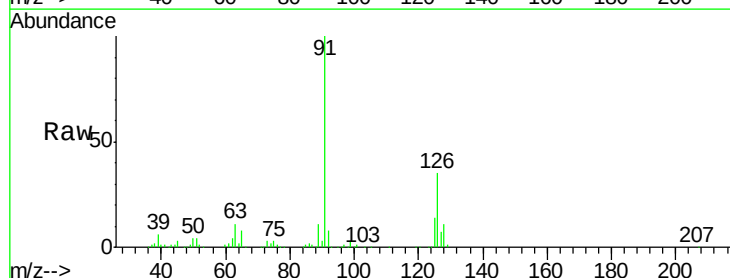
Delta R.T. 0.00 min

Lab File: VN053663.D

Acq: 7 Feb 2019 18:33

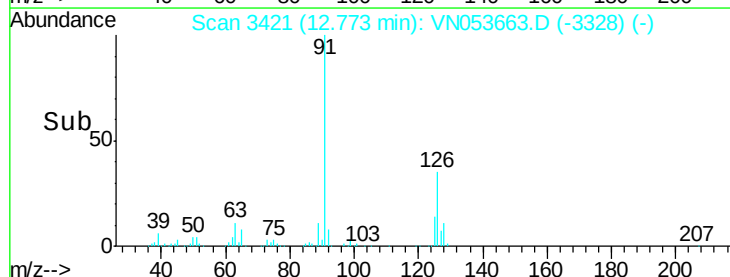
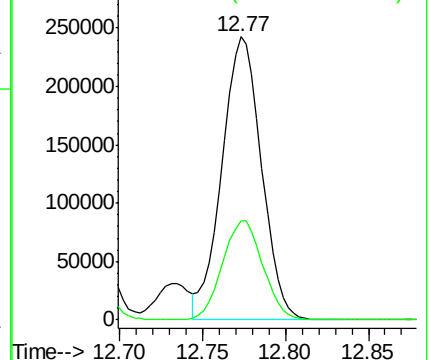
Tgt Ion: 91 Resp: 400983

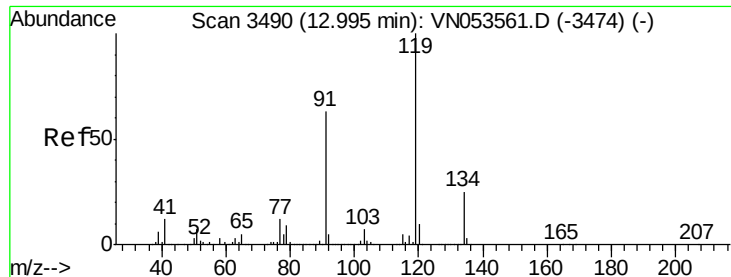
Ion	Ratio	Lower	Upper
91	100		
126	35.9	17.6	52.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

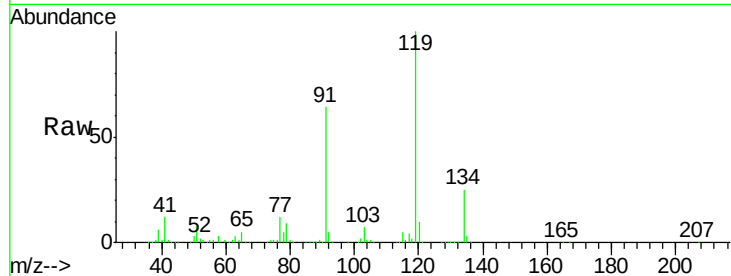
Ion 125.90 (125.60 to 126.60): V



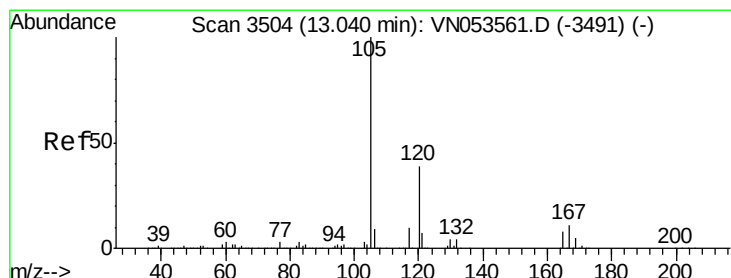
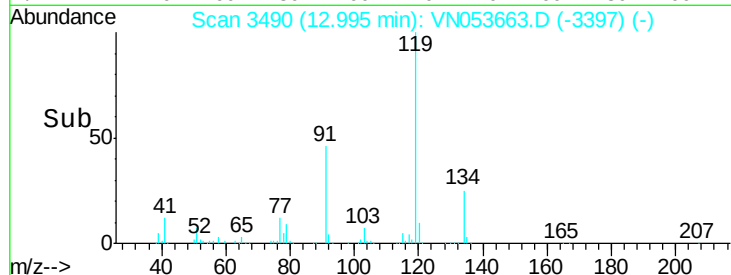
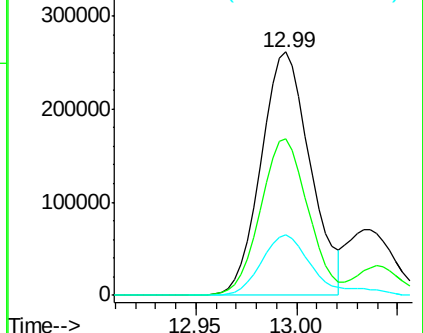


#83
 tert-Butylbenzene
 Concen: 20.959 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN053663.D
 Acq: 7 Feb 2019 18:33

Tot Ion:119 Resp: 444378
 Ion Ratio Lower Upper
 119 100
 91 62.5 31.3 93.8
 134 26.3 12.9 38.7

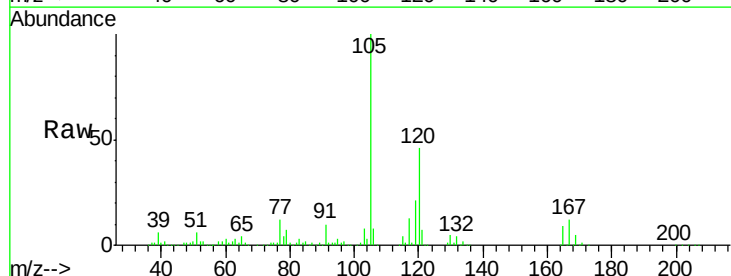


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

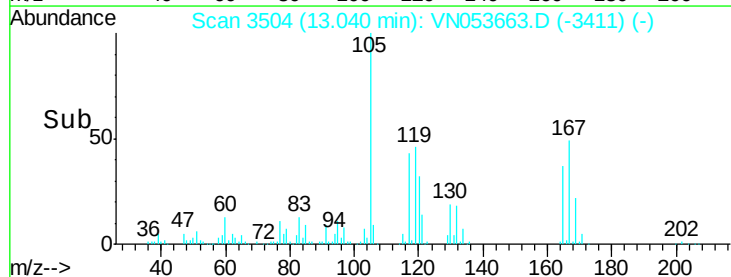
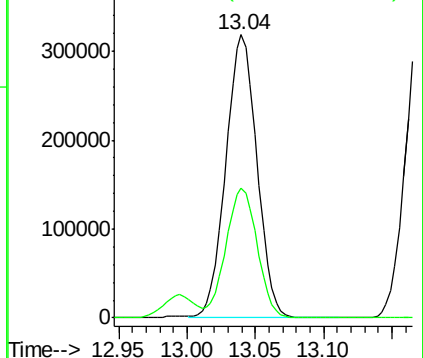


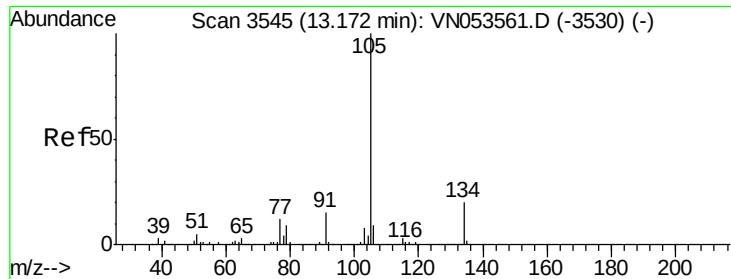
#84
 1,2,4-Trimethylbenzene
 Concen: 20.669 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053663.D
 Acq: 7 Feb 2019 18:33

Tgt Ion:105 Resp: 505183
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.0 69.0



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





#85

sec-Butylbenzene

Concen: 20.700 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN053663.D

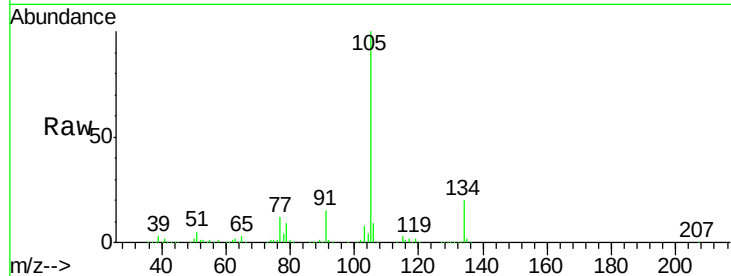
Acq: 7 Feb 2019 18:33

Tot Ion:105 Resp: 597261

Ion Ratio Lower Upper

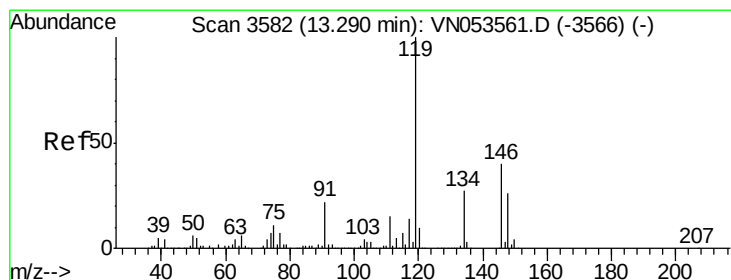
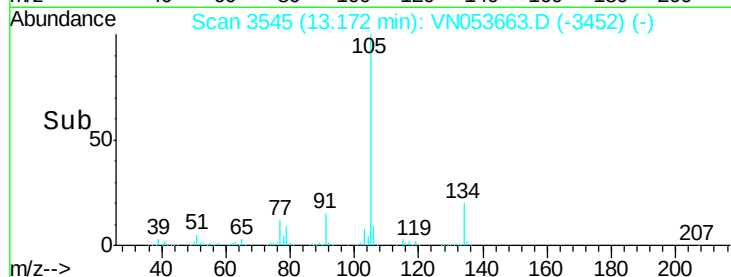
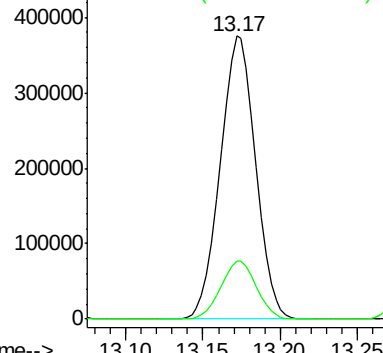
105 100

134 20.6 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.375 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN053663.D

Acq: 7 Feb 2019 18:33

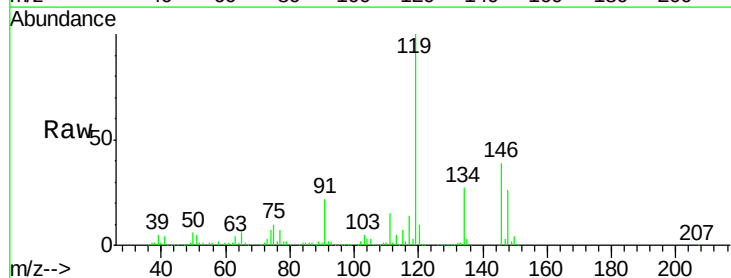
Tgt Ion:119 Resp: 514146

Ion Ratio Lower Upper

119 100

134 27.4 13.5 40.4

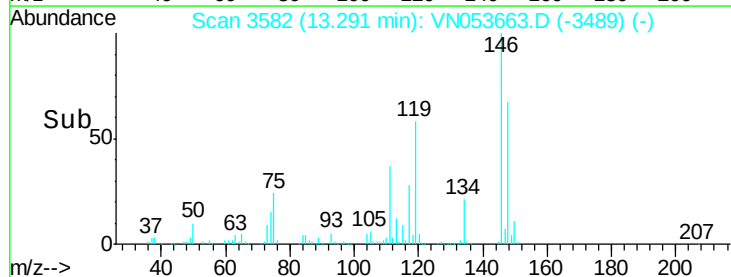
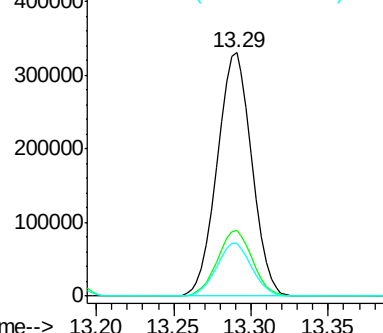
91 22.1 11.0 33.0

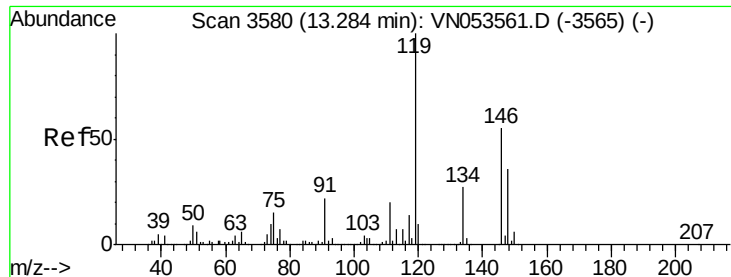


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.356 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN053663.D

Acq: 7 Feb 2019 18:33

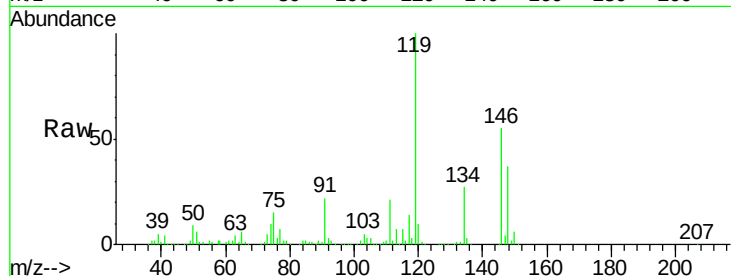
Tot Ion:146 Resp: 271298

Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.8	56.3
148	65.3	32.0	96.2

146 100

111 37.7 18.8 56.3

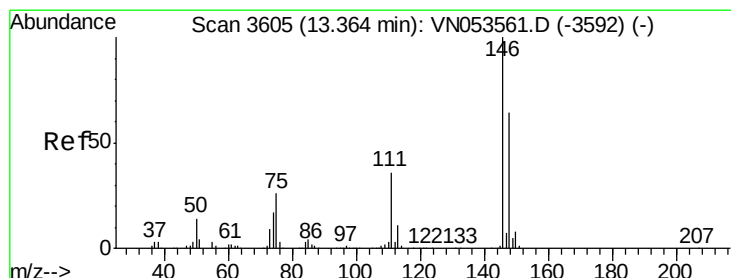
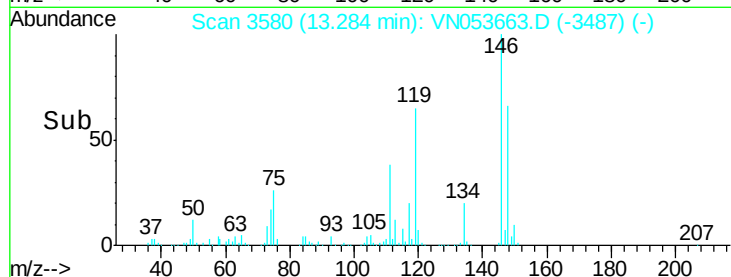
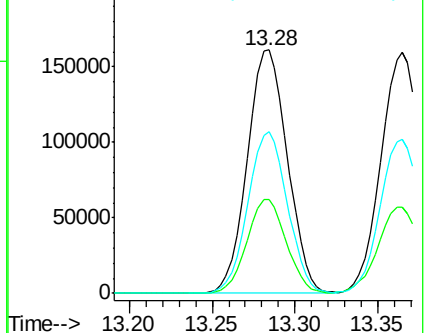
148 65.3 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.194 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN053663.D

Acq: 7 Feb 2019 18:33

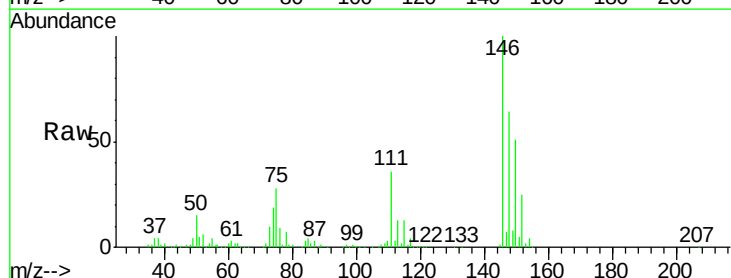
Tgt Ion:146 Resp: 266106

Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.6	55.8
148	65.1	32.4	97.0

146 100

111 37.9 18.6 55.8

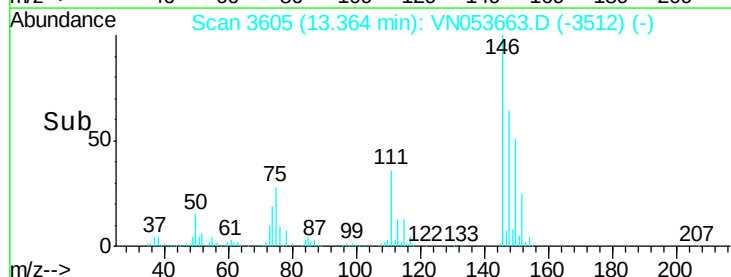
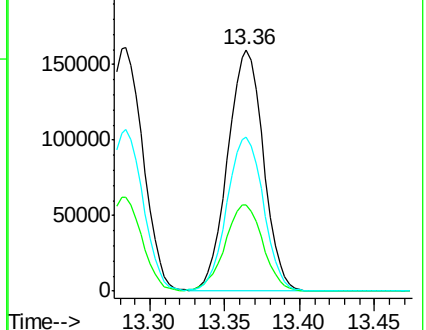
148 65.1 32.4 97.0

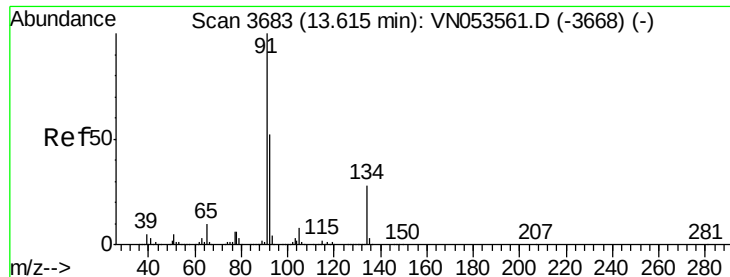


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

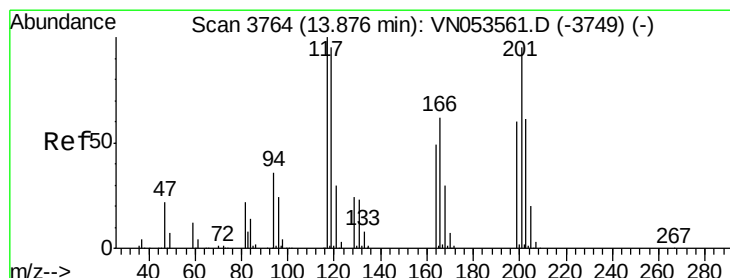
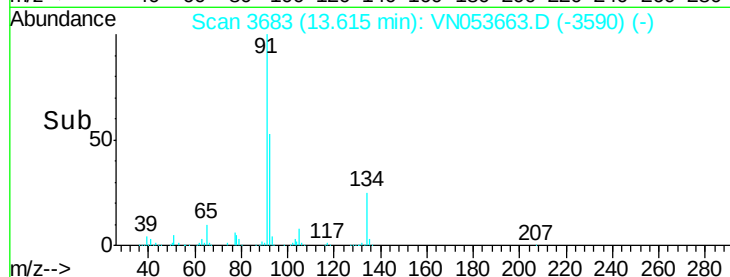
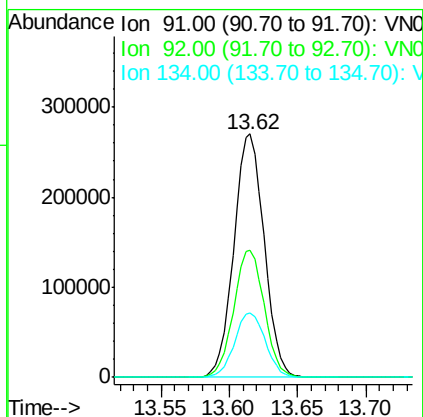
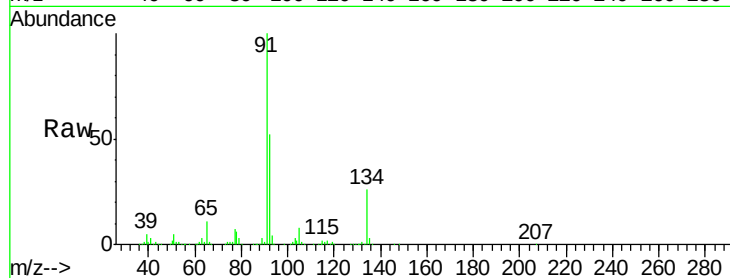
Ion 147.90 (147.60 to 148.60): V





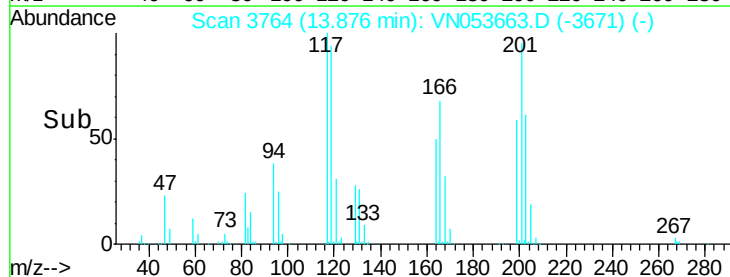
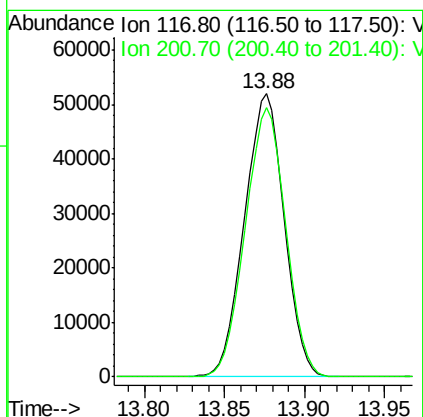
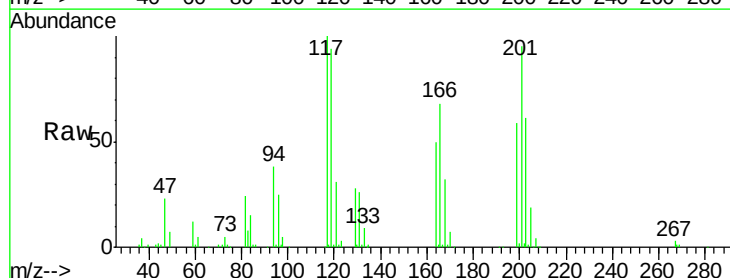
#89
n-Butylbenzene
Concen: 19.066 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN053663.D
Acq: 7 Feb 2019 18:33

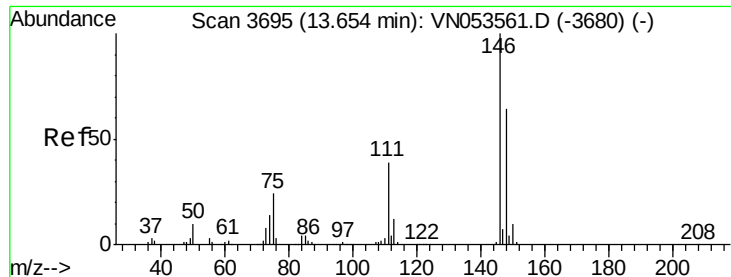
Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.3	78.8
134	26.9	13.5	40.5



#90
Hexachloroethane
Concen: 21.174 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN053663.D
Acq: 7 Feb 2019 18:33

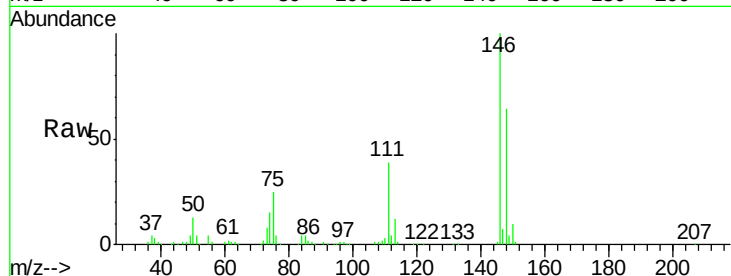
Tgt Ion	Ratio	Lower	Upper
117	100		
201	96.4	46.8	140.4



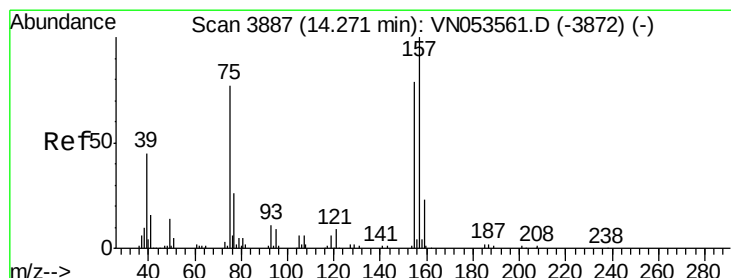
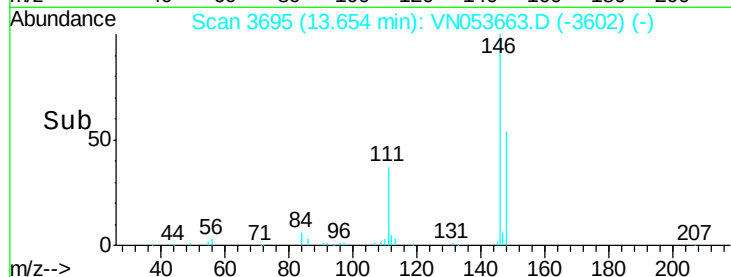
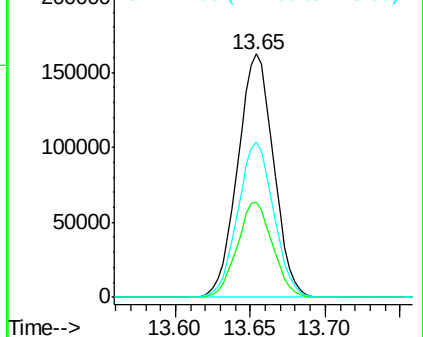


#91
 1,2-Dichlorobenzene
 Concen: 20.200 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN053663.D
 Acq: 7 Feb 2019 18:33

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.5	58.5
148	63.7	31.9	95.9

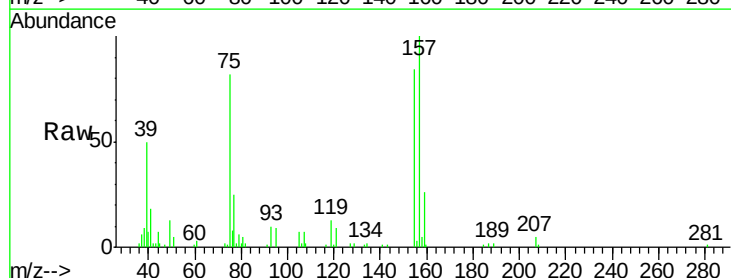


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

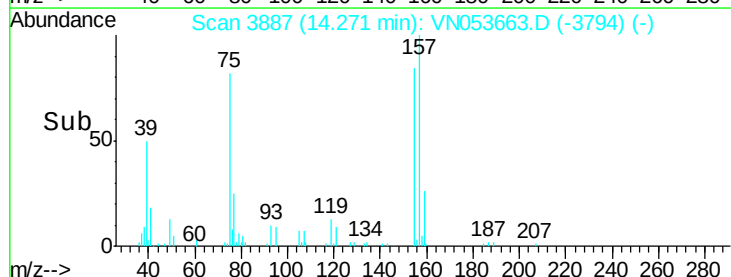
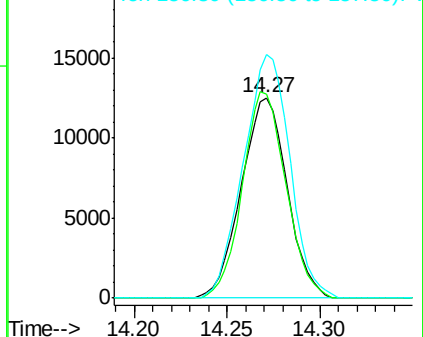


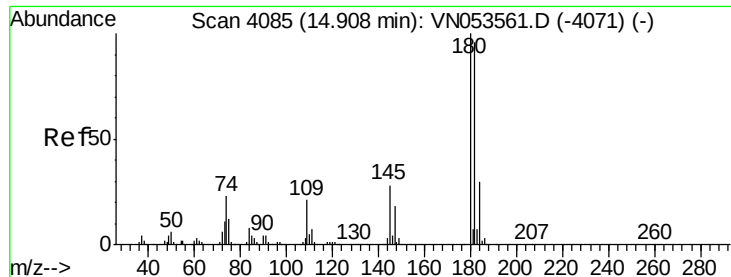
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.850 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN053663.D
 Acq: 7 Feb 2019 18:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.5	48.9	146.7
157	123.2	63.7	191.3



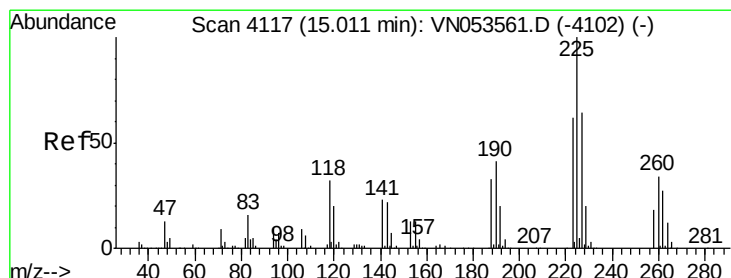
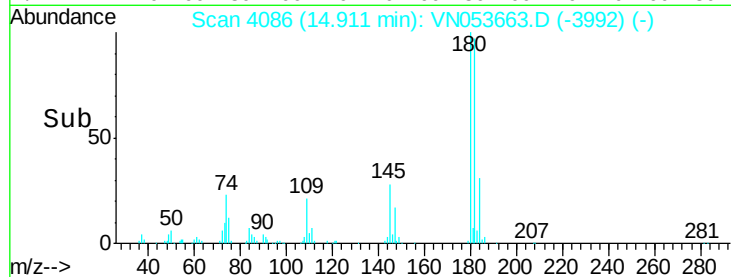
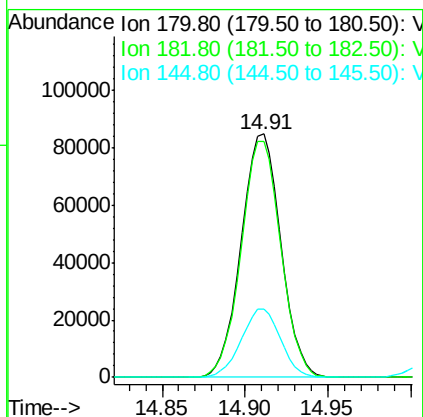
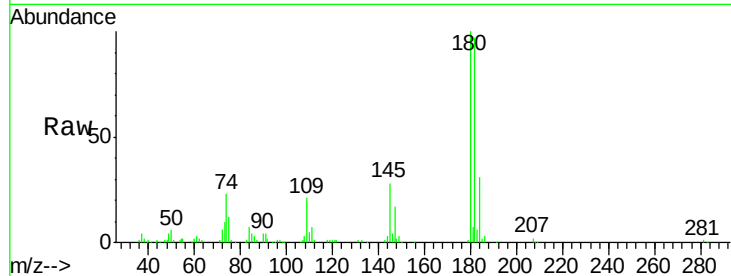
Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V





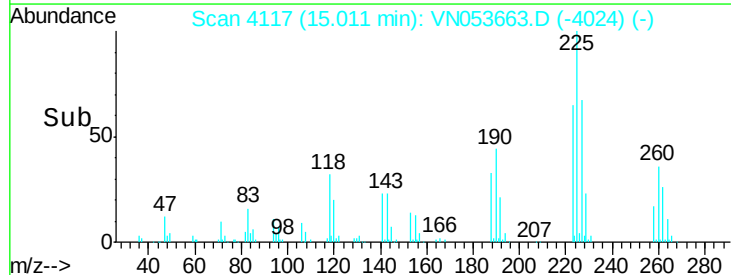
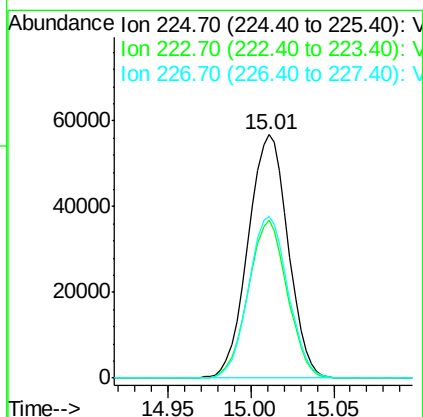
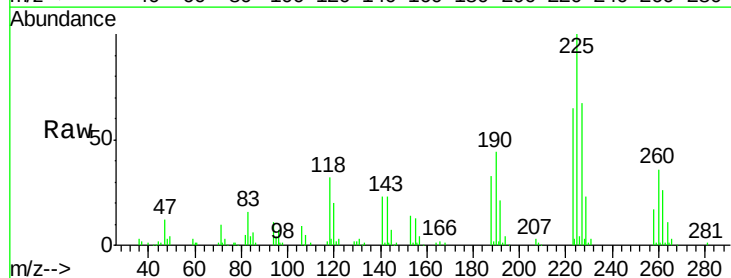
#93
 1,2,4-Trichlorobenzene
 Concen: 18.373 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN053663.D
 Acq: 7 Feb 2019 18:33

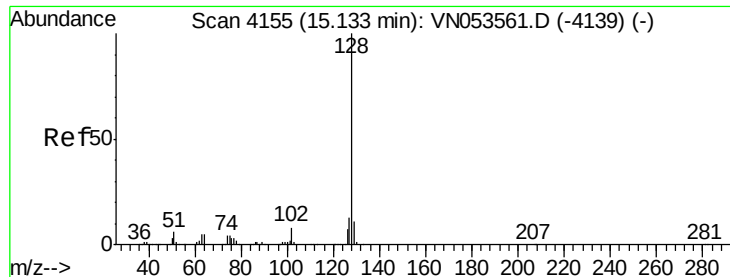
Tot Ion:180 Resp: 141394
 Ion Ratio Lower Upper
 180 100
 182 96.9 48.1 144.3
 145 27.9 13.9 41.6



#94
 Hexachlorobutadiene
 Concen: 19.860 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN053663.D
 Acq: 7 Feb 2019 18:33

Tgt Ion:225 Resp: 95180
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.1 93.2
 227 65.4 32.0 96.2





#95

Naphthalene

Concen: 17.452 ug/l

RT: 15.13 min Scan# 4155

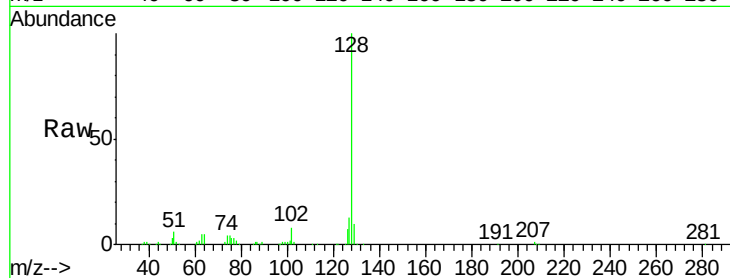
Delta R.T. 0.00 min

Lab File: VN053663.D

Acq: 7 Feb 2019 18:33

Tot Ion:128 Resp: 294322

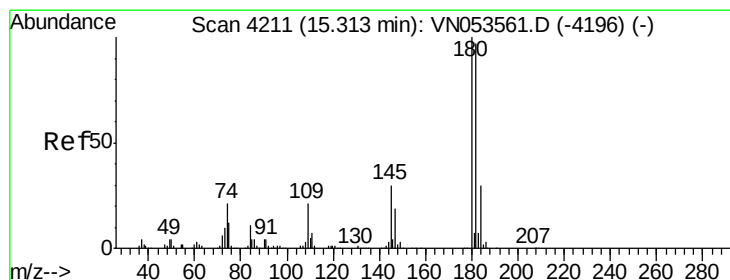
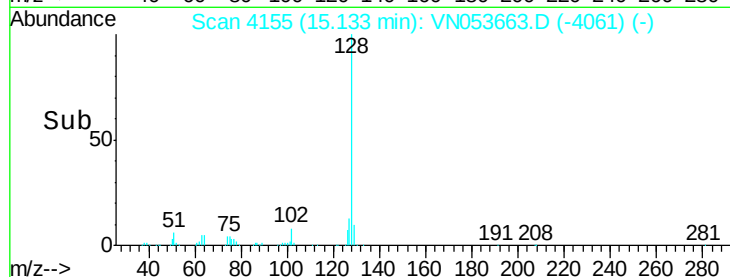
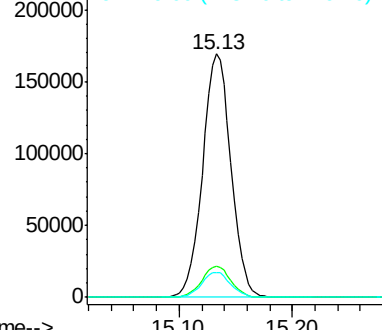
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.6	8.6	13.0



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: 19.094 ug/l

RT: 15.32 min Scan# 4212

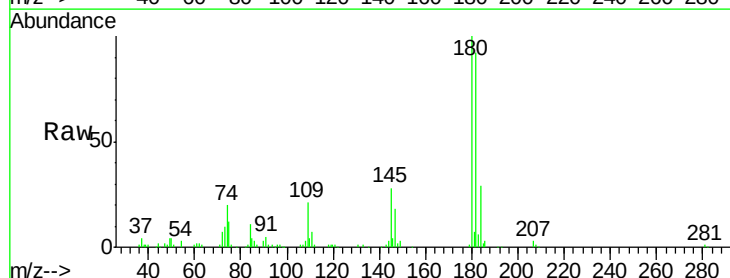
Delta R.T. 0.00 min

Lab File: VN053663.D

Acq: 7 Feb 2019 18:33

Tgt Ion:180 Resp: 136339

Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.9	143.8
145	29.2	14.7	44.1



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

